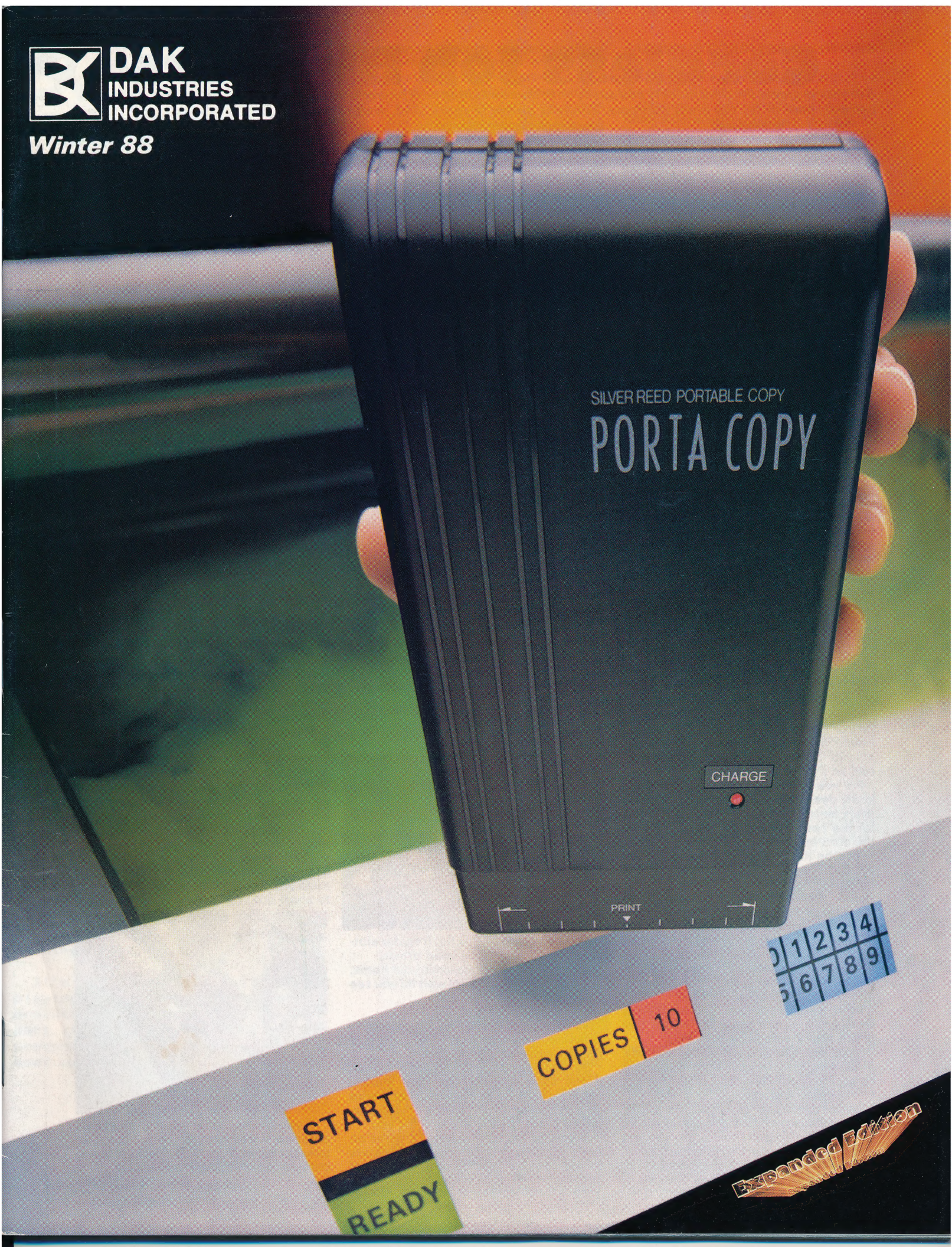
DAK
INDUSTRIES
INCORPORATED

Winter 88



Cordless Job Blasters

Get your projects finished quickly and easily with these exciting new powerful cordless tools. For your home, your car, camper, boat or for the great outdoors, cordless power is yours. And, wait till you see DAK's breakthrough prices.

By Drew Kaplan

It's true. For pleasure projects or chores, the right tool makes all the difference.

Whether you're taking 12 screws out of your computer to put in a new card, or installing a towel rack, you'll love the incredibly powerful cordless screwdriver.

If you have to fix a speaker wire or antenna wire inside, or an automatic sprinkler or decorative lighting wire outside, cordless soldering is a dream come true.

And, whether you're buffing hard to reach crevices in antiques or spots on your car, you can grind, drill or polish at up to 4,000rpm with the Turbo Tool.

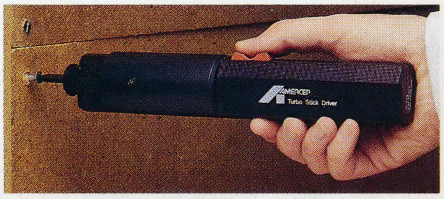
FIRST THE SCREWDRIVER

It's amazing. It's really powerful. This high torque cordless electric screwdriver will drive in long wood screws, or assemble or disassemble electronic equipment, effortlessly.

I have a pair of speakers that I have been wanting to open. There were 12 screws between me and what was inside. Well, when I received this screwdriver for testing, the speakers lost.

With no fuss and no hassle, I had a speaker open in less than 3 minutes. I was amazed at the power and ease.

Next, I installed a towel rack that my wife had been trying to get me to put up for weeks, in our utility room.



Well, this reversible screwdriver really worked perfectly, totally unlike some of the really cheap adaptors I've tried before. It's so powerful that I was actually able to drive a wood screw's **head** over half an inch into a piece of 2X2" pine.

For years I've had a set of screwdrivers at my desk because I open and examine every piece of equipment DAK sells. Well, for the past few weeks I've been using the cordless screwdriver, and it's great.

Maybe the thrill of newness will wear off. But, it's fun. It's easy. It's incredibly powerful. And, even if it doesn't always remain a thrill, it will continue to save me a lot of time and blistered hands.

The project I'm really proud of is a set of shelves I put up using vertical braces.

You slip shelf holders into the braces and finally lay shelves on the shelf holders. Well, screwing in six, 3" long screws, into each of 4 braces, isn't fun.

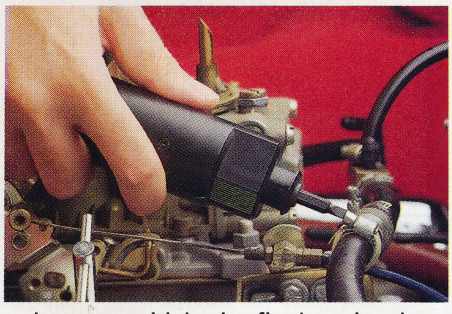
Well, it still wasn't fun, but the shelves were up in record time. My hands feel great. And it was incredibly easy.

And, don't forget, since it's cordless, it goes outside, in your attic, basement or your garage. Plus, it's sensational for working on your car.

Important Note: Now you can effortlessly install your own car stereo or alarm. Cordless tools really make any project easy. Of course, you can change a hose, remove door paneling or change molding.

This Turbo Screw Driver weighs a hefty 2 pounds. It operates on self-contained Ni-Cad batteries for up to 2 hours on a single charge. And, the charger/stand is included.

It has both forward and reverse high torque drive, which you control with a heavy duty rocker switch.



It comes with both a flat (regular slotted head) and phillips head driver.

It's perfect for any project in your home, car, camper or boat. And wait till you see DAK's breakthrough price.

CORDLESS SOLDERING

In your yard, at your workbench or in your car, you can now have cordless rechargeable soldering power.

So, you don't do much soldering? Well, if you have speakers for your stereo, cable for your TV, or have ever had a wire on a 9V battery clip from one of your portables break, this is the tool for you.

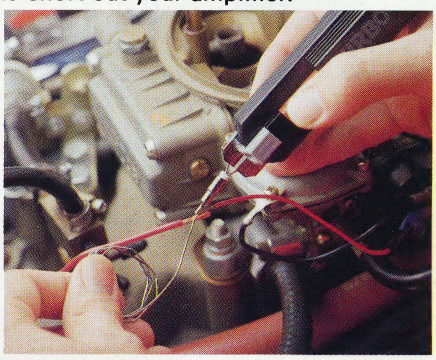
Whether I'm connecting TV wires on the roof, fixing my automatic sprinklers in the yard, or just tinning the end of speaker wires, now it's all easy.

You can run wires in your attic or put speakers in your car. Of course, you can solder printed circuit boards and all your regular soldering jobs perfectly, with this cordless solderer.

Danger. If you connect your speakers without tinning the ends of the wires, you can short out your amplifier. So, what's tinning?

Well, speaker wire is stranded, and when you twist the end to fit into your amplifier or speaker terminals, if you're at all like me, as you shove in the wires, a few push back and are left loose.

Well, with a soldering iron, all you do is apply a little solder after you twist the ends and you'll never have a loose wire to short out your amplifier.



If you run sprinkler wires in the yard, antenna wires around your house or speaker wires from room to room, every connection should be soldered.

. . .Next Page Please

DAK INDUSTRIES INCORPORATED

RC15

8200 REMMET AVE., CANOGA PARK, CA 91304

Dear M Blaenford,

My name is Drew, and I've probably got the neatest job in the whole world.

I'm writing to you because, from the list I found your name on, I think that you may be a lot like me!

I'm sort of the ultimate electronic gadget freak. Plus, I like to be ahead of the crowd. That's why my job is so neat. I get to play with the newest electronic gadgets, usually even before they hit the market.

Virtually everything in my home is remote controlled. And I'm testing computers, VCRs, tape decks, equalizers and lots of other electronic devices in almost every room in my home. (Much to the chagrin of my wife.)

My catalog will take you on a journey through the never never land of new electronic technology. I personally test every product in my own home. And, I write every word in this book.

But don't worry, DAK is a very substantial company. And, your purchases are well protected by our double risk free policy. (See our order form.)

DAK has over 1,600,000 customers, and we've been offering BIG DISCOUNTS on electronics for over 15 years. We have a large friendly staff to take care of all your electronic needs.

But, I choose the products. And, this catalog is all mine. Since I can't actually sit down and talk to you, M Blaenford, I write about both the good and bad parts of each product as if we were talking together.

It's not a bad life that I have, playing with each new electronic breakthrough product. The hard part is selecting only the best products that will make our lives most exciting.

Sincerely,
DAK INDUSTRIES, INC.

Drew

Drew Alan Kaplan
President

can carve signs, add personalized
work to wood, metal and plastic.
create all types of models.
a hobbyist's delight. It's a perfec-
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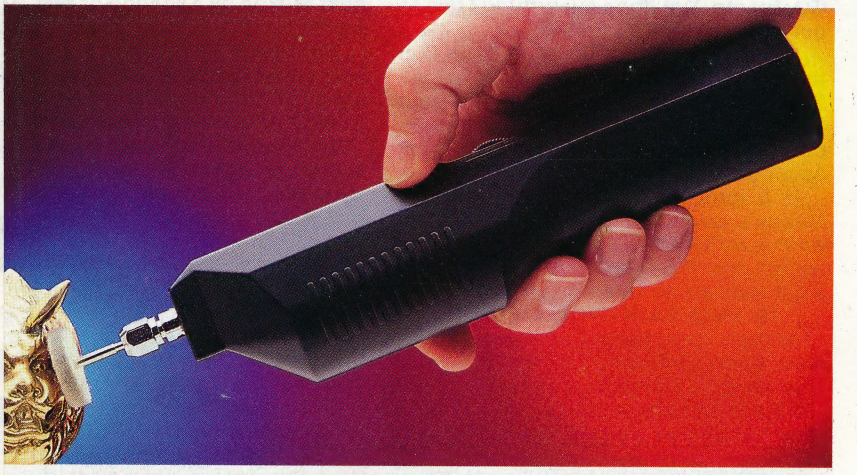

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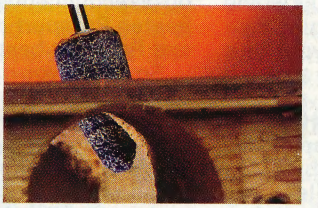

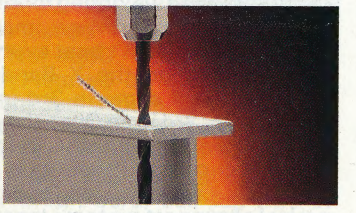

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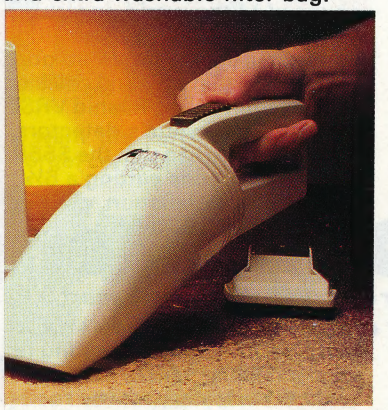

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Imagine soldering up to 250 connections wherever you happen to be. And, the Turbo Tool's 4,000rpm shaping, sanding and polishing capabilities are great.

And finally, I wasn't going to offer the vacuum. But, I've tried it myself and it's like no cordless vacuum I've used.

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To order the Cordless Plus 30 Super **Industrial** Vacuum, complete with upholstery brush, Crevice Tool and Extra Filter Bag risk free with your credit card, call toll free or send your check for DAK's market breaking price of just **$39.90** ($3 P&H). Order No. 4749.

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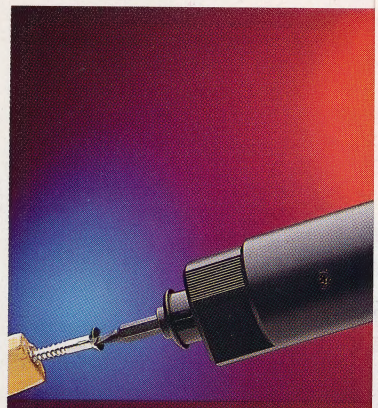

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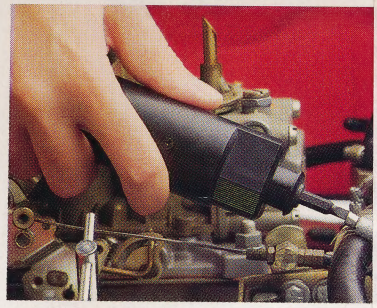

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TOLL FREE CUSTOMER SERVICE

Once you place an order from DAK, we don't leave you out in the cold. You can call our toll free customer service department at **1-800-423-2866** or in Los Angeles, call **1-818-888-2695.**

Our customer service lines get pretty busy and sometimes it's hard to reach us. So, we keep you informed by mail. If you do wish to check on your order, or need other ordering information, we are here to serve you. **Please see bottom of page for our Technical Product Information Line Number.**

We are open Monday through Friday 6AM to 5PM Pacific Time. The best times to call are before 8AM and after 3PM. **The people on the DAK Order Lines do not have any information about orders in progress, shipped merchandise or product information.**

DOUBLE RISK FREE OFFER

We want you to try anything in this catalog risk free. You'll find our product descriptions more complete than in any other catalog that we have seen. Our feeling is that the more you know about a product the more likely you are to like it when it comes.

And, that's important to us because when you do receive a product from us, you have a full 30 days to decide if 1) it's what we described, 2) it fits your needs, and 3) if you like it.

All you need to do to get your money back, is return the product to us prepaid and insured, in new unmarked condition with all its original parts, instructions, packing boxes and our original invoice (or a copy) within 30 days of when you receive it.

Price Protection. You can't lose. As part of our 30 day risk free trial, in the unlikely event that you find any product that you buy from this catalog selling for less than our catalog price, just send us a copy of any newspaper or magazine advertisement that appears during the 30 day period, and a copy of your invoice.

We will issue you an immediate merchandise credit for the difference in merchandise price. So, you'll have both a satisfaction guarantee plus price protection for 30 days from the time you get any DAK product purchased from this catalog. Of course you are also protected by the individual manufacturer's warranties on all the products we offer.

VISIT OUR FACTORY SHOWROOM

1-818-888-1399----8200 Remmet Ave., Canoga Park, CA 91304

10 A.M. to 6 P.M. Monday through Friday

When you're in the Los Angeles area why not drop in and visit us in person. You'll get a really close-up look at most of the exciting products in our catalog.

Plus, you'll find discounted products from past catalogs and products that will be in future catalogs. A trip to our showroom is like a venture into the future.

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Call 6AM to 5PM Monday Through Friday Pacific Time

Technical Information Only. .1-800-272-3200

Any Other Inquiries. 1-800-423-2866

. . .Cordless Continued

I can't tell you how many times what works today won't work in a few months because the wire at the joint has oxidized.

Before cordless soldering, professionals used solder and a match to ensure long life connections.

I learned this when I had DAK's first burglar alarm installed. Of course, I later found TV and audio installers doing it too.

When I was an installer (yes, I used to do custom home stereo installations), I would bring a 50' extension cord. Well, now it's easy, fast and you'll never have bad connections to plague you again.

Of course, you can fix stereo equipment. This small, yet powerful tool can fit in places most soldering irons can never go. And, for installing car stereos or burglar alarms, it's a must.

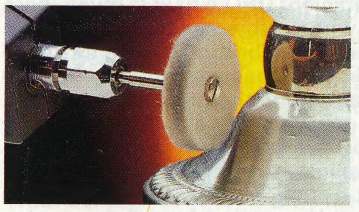
So, the next time a broken wire interrupts the use of your electrical devices, think of this cordless solderer.

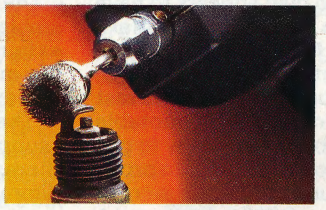
It's really a phenomenally useful tool to own. It's also great for burning wood or melting through plastic.

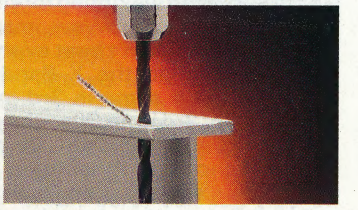
It will solder up to 250 connections per charge. It operates from its internal Ni-Cad batteries. And, it comes complete with a charger/stand. Plus, there's a DC adaptor so it can be charged from your car's cigarette lighter.

It has a built-in focused lamp to light the area you're soldering, and there's a protective cover for the tip.

Whether you build kits and solder all the time, or simply need to make an occasional repair, this cordless solderer is a really valuable tool. And wait till you see DAK's breakthrough price.







SO, WHAT'S A TURBO TOOL?

Hats off to Dremel®. They've established the market for these incredibly useful high speed tools.

Hobbyists have been polishing, sanding, carving, grinding, drilling and engraving with these tools for a number of years. Now, you can have totally variable high speed power from 0, up to 4,000rpm in a cordless model. Wow!

You can deburr wood, metal, plastic or china. You can drill holes at speeds and in places that no other drill can go.

You can engrave your valuable possessions. And, you can carve in wood or other materials.

The Turbo Tool comes complete (as shown left to right) with a polishing wheel, a wire brush, a grinding stone and a drill. There are also two collets (a fancy name for chucks).

Literally hundreds of interchangeable tools are available for the standard corded tools that are 100% interchangeable with the cordless Turbo Tool.

Nothing beats this tool for removing rough edges. In fact, manicurists use this type of tool to fashion expensive acrylic nails

It's really like a mini router. It's great for installing door latch plates and bolt assemblies. It will take sharp edges off your car, and it's great for crafts.

You can carve signs, add personalized scrollwork to wood, metal and plastic. And, create all types of models.

It's a hobbyist's delight. It's a perfectionist's dream. If you care how things look, you'll be amazed at what you can now create, smooth and grind.

It runs for an hour from a single charge of its self-contained Ni-Cad Batteries.

And, an AC charger is included.

You can easily rout out wood to recess hinges. You can also make holes bigger, shape almost anything and much more. You'll be amazed at DAK's incredible price on this super useful tool.

INDUSTRIAL CLEAN UP TOO

You've probably seen little rechargeable vacuums just about everywhere. Well here's one that's truly powerful.

It's called the Plus 30 because it operates for over 30 minutes from a single charge of its Ni-Cad batteries (8 minutes is average). And, boy, is it strong!

It's like an industrial vacuum. It comes complete with a crevice tool, upholstery brush and extra washable filter bag.

So when you want to clean up fast, use the industrial strength Turbo Duster. Pick up sawdust, spills or plain dirt.

Use it in your home, in your car, camper or boat. Cleaning up isn't fun. So, get it over fast with the all new industrial strength Plus 30 Turbo Duster.

It comes complete with a charger/stand/mounting bracket. And, just wait till you see DAK's breakthrough price.

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Is Escort Scared or Smart?

Cincinnati Microwave, the maker of Escort and Passport radar detectors, has ignored DAK's* third*, one-on-one Maxon versus Escort radar challenge. I think they're hiding behind 'independent' magazine reviews and refusing to meet us on the true field of battle. And now, I think I've finally figured out why. I believe they're in a NO WIN SITUATION! Read On.

By Drew Kaplan

It's time to attack. No more Mr. Nice Guy for me. I've done everything I can to get them out for a conflict.

I've offered $10,000, then $20,000, if they could beat Maxon's lowest price $99.90 detector (now on sale for just $79.90) by more than 10 feet. I've even offered to print the results in my next catalog, win, lose or draw.

In a minute, I'm going to introduce Maxon's revolutionary new Micro-Detector that is CORDLESS and built to **trounce** Escort and Passport, but first let's see what we can do to compare detectors.

IS THIS FAIR? YOU DECIDE

In their recent ads, Cincinnati Microwave quotes what Car and Driver Magazine's April '87 issue says about Passport, "At $295 direct from the factory, it's the most expensive piece of electronic protection in the group, but it's worth every nickel in roadgoing peace of mind."

Well, wouldn't you think that Passport obliterated every other detector by a country mile? And, don't you think everyone is going to go out and find the magazine and read the **WHOLE** review???

Well, look what else Car and Driver said **in the same article** (and not quoted in Passport ad), "As it turned out, the top five brands are so close in their "Overall Sensitivity" scores that a minor juggling of the X/K-band weighting formula would upset the apple cart." Wow, imagine that!

So, Passport didn't beat everyone by a mile. In fact, on the X Band tests, it appears that it came in 3rd in a Dead-Ahead Trap, 3rd in an Over-the-Hill Trap, and 3rd in an Around-the Corner Trap.

But in choosing Passport as best, Car and Driver says, ". . an 'excellent' appraisal of support systems (cords, lights, alarms etc.) is well worth several hundred feet of warning distance..".

Which brings me back to the point I've been trying to make since I first challenged Escort. Today, a good detector can often sniff out police radar as much as 60 seconds ahead.

Traveling at 55 mph, you only cover about 80 feet a second. So, whether there's a 10' or even 100' difference in sensitivity, with today's detectors it just doesn't make much difference.

READ THIS

So, if Passport or Escort lose to the $79.90 Maxon, it would be catastrophic for their advertising. And, even if they beat Maxon by a second or two, are they worth double or even triple the price?

So, that's why I think they're in a **no win situation**. Without the magazine's loving editorial comments, we'd be down to **who won** and by **how many feet**?

And while they may or may not be scared of losing to Maxon, so far, they sure seem to be smart enough to stay out of a footage contest.

MAGAZINE ROUND UP

Popular Mechanics Magazine in November '86, in their Around A Corner Test said, "The low ranked . . .and Passport had to be rounding the bend and pointing at the radar gun before they'd detect it. Too late then!" (Not quoted by Passport.)

Although in July, after Cincinnati Microwave complained, Popular Mechanics said in an Around A Corner Test, "Consistent with the results of our previous test, Passport was easily the best of the minis." (Quoted in Passport Ads.)

Speaking of 'consistent', the magazines aren't consistent even from issue to issue.

By the way, in July's test they hated Maxon, but at least they said, "No detector in this group had to round the corner before sniffing out Smokey."

Road and Track Magazine (September '86) top rated Passport even though Maxon (a recommended buy) appears to have beaten Passport in Uninterrupted Alert, and Passport beat Maxon in initial alert.

So, when you get right down to which detector protects you, an **on-the-road test** without all the loving editorial 'quotable remarks' seems to be the only way to go.

We need to win or at least tie, to prove to the world that our challenge is for real, and not, as Cincinnati Microwave said, "an advertising gambit". But, speaking of advertising gambits, read this!

PROTECTION FROM RASHID $5? WHOOPEE

Last year, Cincinnati Microwave announced to the world, in virtually every magazine I picked up, that all radar detectors but theirs would be obsolete.

It seemed that a K band collision avoidance system called Rashid VRSS would knock out everyone's detectors.

Well, I said then that the $558 system that recommends cutting a 6½" hole in your grill for installation, wasn't going to take over the highways.

But Cincinnati Microwave kept advertising about Rashid. (My opinion of an advertising gambit). It's been a year and nobody I've talked with has run into a Rashid. I challenged Cincinnati Microwave to prove that there were even 500 on the road in the whole U.S., but they've been silent. (I wonder why???)

Anyway, just to prove that we had the technical expertise, Maxon has developed and implemented an Anti-Rashid circuit in the new Micro-Detector.

It's added about $5 to your cost which **we all think is a waste**, but at least we won't get any more letters saying that the only reason we think it's worthless is because Maxon doesn't have it.

TRUE BREAKTHROUGH NO. FIVE

Unlike the questionable value Anti-Rashid circuit from Cincinnati Microwave, Maxon has now leapt ahead. Now you can have a micro detector that operates from 6 AA rechargeable batteries (included).

Now you can forget plugging your radar detector into your cigarette lighter. A revolutionary circuit design gives you cordless freedom and **improved** protection.

Maxon is using a circuit used in jet fighters and other military applications which replaces the traditional Gunn diode oscillator with a DRO (Di-electrically Resonated Oscillator).

The efficient DRO circuit is much more stable when subjected to temperature extremes and vibration (hence its use in the military, especially aircraft). Its only disadvantage is that it costs more.

The new detector also has incredible "support systems". Its bright LEDs, dim themselves at night. And speaking of dimming, they can be switched off so you can't be spotted from the rear.

And, as for the separate X and K warning tones, not only is the volume adjustable, 'Mute' lets you silence the alarms without adjusting volume. They will automatically reset after the alert passes.

You can plug the Micro into your cigarette lighter, you can run it for about 8 hours on its rechargeable batteries, and it automatically recharges from your cigarette lighter overnight or while you use it plugged in during the day.

OK, now it's time to prove that Maxon is Number One. Cincinnati Microwave, eat our dust!

A $20,000 Challenge To Escort

Let's cut through the Radar Detector Glut. We challenge Escort & Passport to a one-on-one Distance and Falsing 'duel to the death' on the highway of their choice. If they win, the $20,000 check pictured below is theirs.

By Drew Kaplan

We've put up our $20,000. We challenge Escort to take on Maxon's Dual Superheterodyne RD-1 $99.90 detector (right) (Now just $79.90), Maxon's new Mini RD25 $99.90 detector (middle) or Maxon's Cordless Micro-Trouncer $149.90 radar detector (left) on the road of their choice in a one-on-one conflict.

The real question today is: 1) How many feet of sensing difference, if any, is there between Maxon's Detectors and Escort's or Passport's? And 2) Which is more accurate at interpreting real radar versus false signals?

So Escort, you pick the road (continental U.S. please). You pick the equipment to create the false signals. And finally, you pick the radar gun.

Maxon and DAK will come to your highway with engineers and equipment to verify the results.

And, we'll have the $20,000 check (pictured) to hand over if you win!

BOB SAYS MAXON IS BETTER

Here's how it started. Maxon is a mammoth electronics prime manufacturer. They actually make all types of sophisticated electronic products for some of the biggest U.S. Electronics Companies. (No, they don't make Escort's.)

Bob Thetford, the president of Maxon Systems Inc. and a friend of mine, was explaining their anti-falsing Dual Superheterodyne Radar detector to me. I said "You know Bob, I think Escort really has the market locked up." He said, "Our new designs can beat theirs".

. . .Next Page Please

. . .Challenge Continued

So, since I've never been one to be in second place, I said, "Would you bet $20,000 that you can beat Escort?" And, as they say, the rest is history.

By the way, Bob is about 6'9" tall, so if we can't beat Escort, we can sure scare the you know what out of them. But, Bob and his engineers are deadly serious about this 'duel'. And you can bet that our $20,000 is serious.

We only ask the following. 1) The public be invited to watch. 2) Maxon's Engineers as well as Escort's check the radar gun and monitor the test and the results.

3) The same car be used in all tests. 4) We'd like an answer from Escort no later than December 31, 1987, and 60 days notice of the time and place of the conflict to alert the public. And, 5) If Escort can prove that there are even 500 Rashid units in operation, we will present them with a check for $5,000 at the conflict.

HOW'S THIS FOR FAIR?

Cincinnati Microwave will be deemed the winner and given the check if **either** Escort beats Maxon's RD-1 or RD-25 by 10 feet in both uninterrupted and initial alerts or **equals** the Micro-Trouncer, **OR** if Passport beats Maxon's RD-1 or RD-25 by 2 seconds at 55mph in both uninterrupted and initial alerts or **equals** the Micro-Trouncer. So, DAK wins **only** if we beat **both** the $295 Passport and $245 Escort Radar Detectors.

SO, WHAT'S DUAL SUPERHETERODYNE?

OK, so far we've set up the conflict. Now let me tell you about the new dual superheterodyne technology that lets Maxon leap ahead of the pack.

It's a technology that tests each suspected radar signal 4 separate times before it notifies you, and yet it explodes into action in just 1/4 of one second. (1/10th second for the Micro-Trouncer.)

Just imagine the sophistication of devices that can test a signal 4 times in less than a 1/4 of one second. Wow!

But, using Maxon is easy. These long range detectors have all the bells and whistles with **separate** audible sounds for X and K radar signals.

LED Bar Graph Meters accurately **show the radar signal's strength.** And, you won't have to look at a needle in a meter.

Keep your eyes on the road, you'll see these meters with your peripheral vision.

You'll have a very high level of protection. Maxon's Dual Conversion Scanning Superheterodyne circuitry combined with **die-cast aluminum** ridge guide wide-band horn internal antennas, really ferret out radar signals.

And the key word is 'radar', not trash. The 4 test check system that operates in 1/4 second gives you protection from signals from other detectors, intrusion systems and garage door openers.

So, when the lights and X or K band sounds explode into action, take care, there's very likely police radar nearby. You'll have full volume control, and a City/Highway button.

Maxon detectors are backed by Maxon's standard limited warranty.

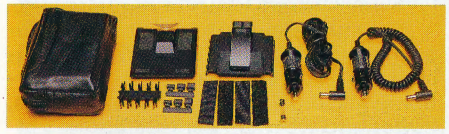
Note from Drew: 1) Use of radar detectors is illegal in some states.

2) Speeding is dangerous. Use your detector to help keep you safe when you forget, not to get away with speeding.

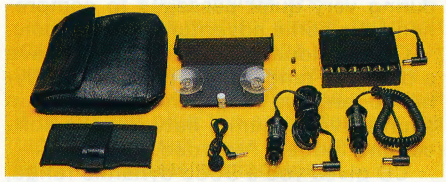
DON'T WASTE MONEY

As I've said, **good** radar detectors today are very similar. The RD-1 is great. It is much smaller than Escort at just 3½" wide, 4¾" deep and 1½" tall.

If you want an even smaller detector, the RD-25 at just 2⅞" wide, 4½" deep and 1" tall, with its included windshield mount and identical specs is for you.



If you want the very best, or if you want to forget cords and be able to slip a



4½" wide, 3¼" deep, ¾" tall (It mounts sideways to the rest) detector into your shirt pocket, choose the Micro-Trouncer.

I'd love to tell you that the Micro-Trouncer is light years ahead in detection, because its circuitry certainly is.

But, I'd be into advertising gambitland if I claimed that 1 or 2 seconds of improvement over Maxon's other detectors or even over Escort and Passport really make a significant difference.

Caution: Cincinnati Microwave is right. There are many cheap imports that aren't very good. My quarrel with them is that except for themselves, I don't know who they think is any good!

CHECK OUT RADAR YOURSELF RISK FREE

Put a detector on your visor, dash or windshield. When it sounds, look around for the police. There's a good chance you'll be saving money in fines and **higher insurance rates.**

If you aren't 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

(RD-1 Pictured to Right.) To get your Maxon, Dual Superheterodyne, Anti-Falsing Radar Detector risk free with your credit card, call toll free or send your check for DAK's **$79.90** sale price ($4 P&H). Order No. 4407.

Note: An optional suction cup windshield mount and extra coiled power cord (we can't afford to throw them in for free) is just **$5.90** ($2 P&H) Or. No. 4800.

(RD-25 Pictured in Middle.) To get your Maxon, Dual Superheterodyne, Anti-Falsing **Mini** Radar Detector complete with 2 Power Cords, Window Suction Cup, Dash and Visor Mounts risk free with your credit card, call toll free or send your check for just **$99.90** ($4 P&H) Order No. 4883. CA res add tax.

(Micro-Trouncer Pictured to Left.) To order Maxon's Top-Of-The-Line, DRO Circuit Radar Detector with Mute, 4 Second LED Meter Hold, Dark Switch, Cordless Battery Operation (6 AA Ni-Cad Batteries Included) with Windshield, Dash, and Visor mounts and 2 power/charging Cords risk free with your credit card, call toll free or send your check for this revolutionary $249 suggested retail detector at DAK's market breaking price of just **$149.90** ($6 P&H) Order No. 4884.

OK Escort, it's up to you. We've got $20,000 that says you can't beat Maxon on the road. Your answer, please?

Escort and Passport are registered trademarks of Cincinnati Microwave. Rashid VRSS, and Rashid Radar Safety Brake are registered trademarks of Vehicle Radar Safety Systems, Inc.

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8200 Remmet Ave., Canoga Park, CA 91304

Emerson's Gone Audiophile?

So, Emerson's not known as the biggest (best) name in audiophile components? Well, the next time you see Emerson's digital equipment in a discount store, before you turn up your nose, read on. And, wait till you see the price!

By Drew Kaplan

It's not music. It's not stereo. And, it's not like any HiFi that's ever been created.

CDs have blasted the audiophile world with such power, that they've pulverized sales of all other types of recordings.

As I write to you, their sales have even surpassed LPs. Virtually everyone is switching to CDs. With a 5hz to 20,000hz frequency response and a 95db signal to noise ratio, music has surpassed an audiophile's most optimistic dreams.

BUT IT'S NOT MUSIC AND THERE'S A BIG PROBLEM

OK, So 1) Why aren't CDs really Music? And, 2) What's the big problem?

And, 3)Why is Emerson now an audiophile company? Well, let me tell you.

Records and tapes contain electronic images of the music they reproduce.

So if a microphone picks up a 1,000hz tone, it transmits a 1,000hz wave down the wire to your cassette deck.

Those 1,000hz tones (Note: hz means cycles per second or vibrations per second.) are faithfully recorded on the tape.

Well, actually those 1,000 cycles, **and tape hiss and the tape's ability to handle the volume level without saturating, are actually recorded onto the tape.**

Plus, very few cassette decks can reproduce frequencies to the response limits of human hearing. So, while records and tapes contain recorded music, they also contain a lot of garbage.

Well, CDs don't. CD's aren't music. They are actually computer disks. When that 1,000 cycle tone comes down the line at the recording studio, it is broken into 44,100 segments each second and only the computer codes are recorded.

There's no tape hiss because a CD player is not reproducing the music, just the same computer bits as any computer.

And, a computer bit is either an on or an off signal. There's no cleaner or more sensitive bit. It's there, or it's not!

There's no saturation because volume is also recorded in bit form, not as a bigger wave as it is in conventional audio.

And, there's no frequency limitation because again, bits are used rather than mirror image recording. So, a CD **can only** reproduce exactly what's recorded.

And, therefore it's 1) Not music, it's really computer bits. 2) There's a big problem because a bit is a bit and I've yet to hear the CD player that sounds any different from any other player.

And 3) Since Emerson's CD is just as good sounding (and working) as the most expensive names in audiophileland, Emerson is an instant Audiophile Company.

In Short. A CD player is a CD player is a CD player, as long as it's a good, reliable deck (Emerson's is) and has all the features like remote control and random programing (Emerson's does).

So, don't spend an extra nickel, because after 22 years of running DAK, 1) I've never heard sound equal to CDs, and 2) I can't hear the difference between a $1,000 CD deck and a $150 CD deck.

SOUND LIKE A LIGHTNING BOLT

There's no warning. There's no record noise, no tape hiss. Vibrant but finely detailed music just explodes from your stereo system. The sound is like a shockwave reverberating through your home.

This is the experience you can expect with your introduction to digital audio.

Imagine listening to music with a frequency response from 5-20,000hz. Imagine sound so pure that harmonic distortion is just 0.03. And, if you're into zeros, flutter and wow is "unmeasurable".

NO SOUND AT ALL

You've got to experience the silence during very quiet passages to comprehend the sonic adventure of the music.

Conventional records and tapes have a dynamic range of perhaps 50db. Dynamic range is simply the difference in sound level (volume) between the softest and loudest recorded sounds.

CD gives you a 90db dynamic range, which is roughly equivalent to the difference between absolute silence and standing next to a jet engine.

MORE MUSIC NOW

Much of the music of the 50s, 60s and 70s is now being re-released. The music was recorded on 2" wide tapes moving at 15" per second in recording studios.

The masters really sound great. It was the limitations in LPs and cassettes that really hurt the sound. So, if you will buy just one CD of an LP you already own, you'll be awed by the digital version.

SIMPLY LOADED

Emerson's remote control 16 bit CD player uses the latest 3-beam, laser system with heavy sampling.

You can select up to 15 tracks to play in any order you like. Plus, there's repeat which lets you listen to a single track, the 15 programmed selections, or the entire disc, over and over again, forever.

So, you can have an hour or an evening of uninterrupted music just the way you want it. Isn't this what musical enjoyment is all about?

Touch a button and the motorized front-loading door opens to accept a CD. Touch the button again and it closes.

The oversized fluorescent display shows total playing time, index position, track number or time played per track.

POWERFUL REMOTE

You can do it all from your favorite easy chair. You can randomly select any track on the disc. Choose Play, Pause, Skip to the Next or to the Last Track and even change the displayed information.

It plugs into any 'Aux' input, and it's backed by Emerson's limited warranty.

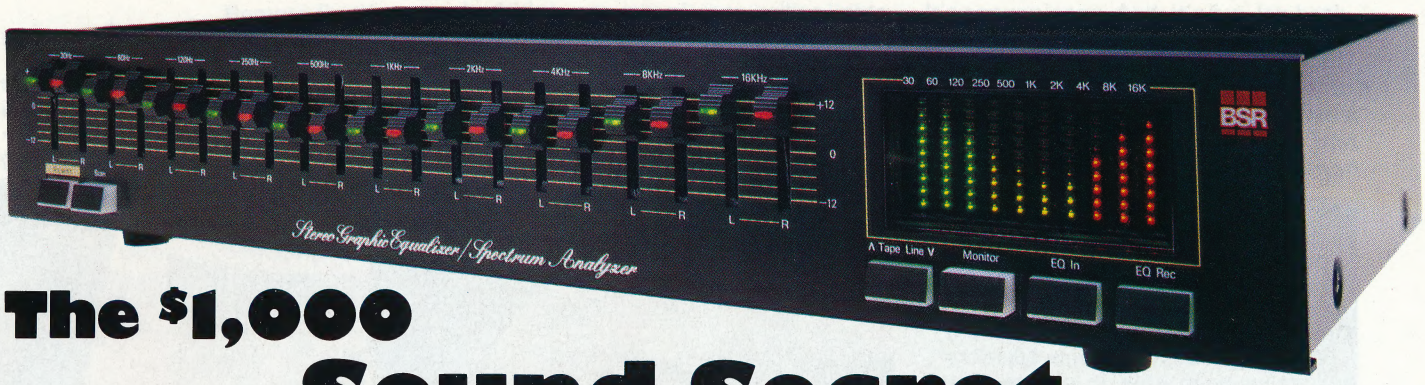
TRY EXPLOSIVE SOUND RISK FREE

Plug it in. Experience music with a thrilling frequency response and sonic range. You'll be thrilled by the hiss and background noise you won't hear.

If you're not 100% awed, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Emerson's Audiophile Remote Control CD player with its myriad of automated features risk free with your credit card, call toll free, or send your check for just **$159.90** ($8 P&H). Wow! Order No. 4907. CA res add tax.

The sound is thrilling. You'll hear music as you've never heard it before. Emerson has used computers to become a major audiophile company. Why not let your ears confirm my claims!



The $1,000 Sound Secret

Make your stereo system's sound explode with life for just $88.90. Then, try to get a salesman at a HiFi store to compare any equalizer to a $1000 worth of improved amplifiers and tuners. Read on!

By Drew Kaplan

It's like night and day. Crashing cymbals, the depth of a string bass, more trumpets or more voice will come bursting forth from your stereo system. The sound is awesome!

You'll make your music so vibrant that you won't recognize your own stereo system's exciting new sound.

Now you can save spending up to $1,000 on new equipment. It wouldn't equal the massive sound improvement that will literally blow you away when you connect this equalizer.

BAD NEWS FOR DEALERS

Here's a good test for dealers. Ask them to demo an equalizer for you with a less expensive system than the one you are looking at.

If they won't demo it and **let you set the controls**, beware, you may end up spending more money for less sound.

HOW MUCH BETTER SOUND?

It can sound incredibly better. Think of an equalizer as 20 (10 per channel) partitioned bass and treble controls.

When you buy equipment, you judge it and pay for it often based on its ability to accurately reproduce the audio frequency response from 20hz to 20,000hz.

Well, with an equalizer, you can add or subtract up to 12db at any of 10 specific frequency areas to really enhance the equipment you already have.

Of course, the better your equipment, the more an equalizer has to work with.

And, it even becomes more important with CDs. An equalizer's capabilities are simply awesome.

Just a 5db roll-off at the high end, up around 14,000hz, can decimate the harmonics that give you the open feeling you'd experience at a live concert.

A roll-off at 60hz causes the bass notes to just fade away into the 'murk'.

Anyway, bass and treble controls really aren't very good and should be left flat (neutral). Here's why.

Bass controls turn up the entire low end as well as the low mid-range, making the sound muddy and heavy. With an equalizer, you simply pick the exact frequencies you want to enhance.

You can boost the low bass at 30hz, 60hz and/or 120hz. Boost the mid-bass at 250hz and 500hz to animate specific areas of the musical spectrum.

And when you boost the part of the bass you like, you won't disturb the mid-range frequencies and make your favorite singer sound like he has a sore throat.

The high frequencies really determine your music's clarity and brilliance.

You can boost the highs at 8,000hz and 16,000hz. So, you can bring crashing cymbals to life at 16,000hz while at the same time you cut tape hiss or annoying record scratches at 8,000hz.

You can also boost or cut specific mid-range frequency areas to add or subtract vocal, trumpets, guitars or whatever instruments you prefer.

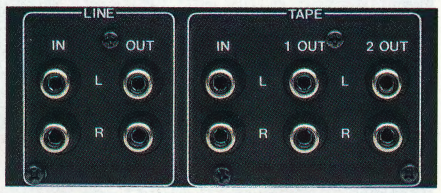
IMPORTANT NOTE: There's nothing complicated. Just adjust the illuminated sliders shown in the picture above until you like the sound. It's totally up to you.

There is no right or wrong, only explosive sound. And, there's a Bypass Switch so you can instantly compare unequalized with equalized sound. You'll be the judge.

MOVING INSTRUMENTS

You'll see your music, not as a single level on a VU meter, but as a kaleidoscopic parade of 10 individual 9 element VU meters. It's called a real time spectrum analyzer.

Each column is tuned to a specific octave of the sound spectrum. The effect is awesome. You can visually isolate a string bass or cymbal and actually see each individual instrument almost as a wave moving across the 90 individual LED elements.



EASY HOOK UP

Use your tape monitor circuit, but don't lose it. Now your one tape monitor circuit lets you connect two tape decks.

You can play from either and dub from B to A. Just plug the equalizer into the tape 'in' and 'out' jacks on your receiver. Even the cables are included.

As you listen to your records, FM or 'aux', any time you push the tape monitor switch on your receiver you'll hear your music jump to life.

The output from your receiver is always fed directly to deck A for recording. With the touch of a button, you can choose to send equalized or non-equalized signal to your deck.

Send equalized signal to your deck and you can add thundering bass to your cassettes. So, when you play them on bass starved personal stereos, they'll really thunder to life.

You can also enhance the highs for cassettes played in your car. Wait till you hear the dramatic impact of thrilling enhanced sound in your car.

An equalizer can improve all your music wherever you are.

Your tape deck will work **exactly** as it did before. Except, now you can choose to listen with or without equalization, and you can dub.

You won't be listening to any distortion or hum. This equalizer has a 90db signal to noise ratio, total harmonic distortion of less than 0.05%, and a frequency response from 5hz to 30,000hz.

Once you've set your equalizer controls, switch it in and out of the system.

You'll hear such an explosive improvement in sound, you'll think you've added thousands of dollars of new equipment.

THE FINAL FACTS

There are 20 slide controls, each with a bright Green (right channel) or Red (left channel) LED to clearly show its position. Each control will add or subtract up to 12db. (That's a 24db range!)

Enhance each channel by ±12db at 30hz, 60hz, 120hz, 250hz, 500hz, 1,000 hz, 2,000hz, 4,000hz, 8,000hz and 16,000hz.

It's 17⅛" wide, 8½" deep and 3" tall. It's backed by a limited warranty.

INFUSE YOUR MUSIC RISK FREE

Prepare for a shock the first time you switch in this equalizer. Instruments you never heard in your music will appear. Your music will sound deeper and richer.

If your stereo system doesn't leap out at you, return it in its original box within 30 days for a courteous refund.

To order your BSR 10 Band Graphic Equalizer with Real Time Spectrum Analyzer and Tape Dubbing risk free with your credit card, call toll free or send your check for just **$88.90** ($7 P&H). Order No. 4744. CA res add tax.

Wake up the sound in your stereo. Your sound will explode with life as it never has before. You won't experience a subtle improvement. It's awesome!

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8200 Remmet Ave., Canoga Park, CA 91304

$6.90 Module Blowout

Now you can literally steal X10 Modules because GE dropped its multi-hundred dollar TV House Minder® remote system. And, X10 wants to introduce its new hand held wireless system. It lets you turn on lights as you approach your home in your car, or adjust the brightness of your dining room chandelier. It's compatible with all X10 modules.

By Drew Kaplan

It's great luck. X10 made modules for an ill-fated system that GE designed.

Oh, the system worked great, but not enough people wanted to hook up a multi-hundred dollar control box to their TV to control the lights in their homes.

We didn't buy GE's Home Minders®, but we've been able to secure about 50,000 lamp and appliance modules.

Because X10 labeled them for GE, we got them at a price that lets us put a module on virtually every lamp and appliance in **'our'** homes.

Yes, I use the system in my home. In fact, I had an X10 system long before I ever thought of selling remote control.

It's just about the only way to gain remote control and dimming of your lights without building your own home.

I suppose you could open walls and run wires, but with X10 modules, just plug them in and you have instant remote control anywhere in your home.

The modules are made by X10. The warranty comes from X10. And they do the same things as any other X10 modules. The only difference, that isn't cosmetic, is the price. Wow!

IT'S A BRAINSTORM

As a great way to introduce X10's incredible new hand held wireless system, we're blowing out these modules.

Now you can get as many lamp or appliance modules as you like (See Important Note), by just buying a new RF wireless remote control system.

Each system consists of a wireless hand held transmitter and a receiver. And, they are **on sale** for just $39.90 (we introduced them this summer for $49.90).

So, with the purchase of at least one wireless system, you may order GE lamp and appliance modules for the incredible blowout price of just $6.90 each.

Important Note: We cannot sell the modules without the wireless system. And we cannot sell to dealers. Therefore, we cannot accept orders larger than 25 modules per wireless system. DAK reserves the right to stop this promotion when the GE modules are sold out.

WIRELESS FREEDOM

Forget wall-bound switches. Imagine walking freely around your home, turning lights and appliances on and off.

Look out of a window and turn on your backyard lights. Dim the lamp at the other end of the room. Or, turn on the living room lights as you come downstairs.

This instant remote control system consists of inexpensive space age control modules and command centers, and it simply plugs in in seconds.

It actually uses your existing house or office wiring. And if you can plug in a lamp, you can plug in this system.

It's exciting. Just imagine effortlessly retrofitting your home or office for remote control without ever running a single wire.

NOW IT'S REALLY REMOTE

As sophisticated as the X10 system has been with Control Consoles, Timers and even Telephone Controllers, it has now gone Hand Held Wireless.

As you can see in my hand, a new hand held RF radio controlled ultimate console now exists to set you free.

You'll actually be holding remote control for your entire home in the palm of your hand. Touch a rocker switch to turn on or off any lamp or appliance you wish. There's even 0% to 100% dimming.

There are 8 buttons, plus a switch that lets you select another 8 (more later).

Just imagine the freedom of sitting on your patio as it gets dark. Just touch a button and your patio or yard lights will jump to life. If you'd like to view the stars, just switch off the lights.

It's very romantic under the stars. In fact, it's very romantic in the living room, at the dining room table, or in the bedroom as you remotely dim the lights.

It's also a great safety/security device. If you hear a noise, a button **in your hand** turns on the lights.

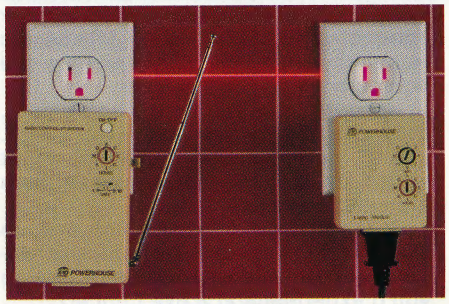
As you drive up to your home at night, just touch a button to turn on your front, side or back yard lights. You or your spouse will never be in the dark again.

And, if you connect a siren to a module, this wireless remote becomes a portable panic button that goes where you go.

WIRELESS REMOTE EXPLAINED

The handset generates radio waves that won't bother your TV or FM, but will activate its matched plug-in receiver.

The receiver (which is also a plug-in appliance module), then translates the button you've pushed into control codes for **ALL** the X10 modules in your home.



So, using this remote is basically the same as using any of the wired consoles that I'm about to describe. One receiver will operate up to 8 different modules.

If you have two receivers, a front panel switch lets you select a second 8 modules. So, from the handset you can operate up to 16 different modules.

If you buy two of these wireless systems (consisting of a handset and remote receiver) for just $39.90 each, you'll have 16 module control and **Two** handsets. Wow, what a way to go.

HERE'S HOW X10 WORKS

As you push each button on the command consoles, a powerful but silent encoded signal is sent down its AC cord

. . .Next Page Please

. . .Remote Continued into your home or office wiring.

This safe, silent encoded signal, travels throughout your electrical system. And, it won't disturb your TV or your FM.

It can even reach your unattached garages, barns, sheds and even your pool light, porch lights and yard lights.

Wherever you want to control a light or appliance, all you have to do is plug in one of the systems controller modules.

Each module has a rotary dial numbered from 1 to 16. Just dial in a number to match one of the 16 numbered buttons on any of the control consoles.

Then just plug the module into the wall and the lamp or appliance into the module for instant remote control.

Important note: You will still have local control of all your lights and appliances by just using their normal switches, even though they are plugged into modules.

Each module actually senses when you turn the controlled unit's switch and automatically relinquishes control.

There are separate modules for lamps that have full range dimming capability from 0% to 100%, and handle up to 300 watts. There are appliance modules that have no dimming but can handle up to 500 watts, or 1/3hp motors.

And, there are even light switch modules that have both full dimming and 500 watt capability which you can put in instead of your present wall switches.

SOME NEAT IDEAS

You can set several modules to the same number so that the front and rear lights can come on together.

Or, you can set all the lamps in a room to come on and even dim together.

I can turn the lights on in the garage as I walk toward it. And, I can turn on our bedroom lights as I walk upstairs.

You're sure to want a module in your dining room. Eating by subdued light is a real pleasure. And remember, not only do you get full remote control, you get 0% to 100% brightness control.

It's like getting free dimmers thrown in with your remote control. Use it for bedside lamps, swag lamps, ceiling lights, track lights and garage lights.

And, you'll automate your fans, coffee maker, humidifiers and crock-pots.

QUITE A SYSTEM

As you get into bed tonight, think about what you'd do if you heard a noise outside or downstairs. Just push a button.

Think about how nice dimmed lights would be in your bedroom or living room.

THE COMMAND CONSOLE

Imagine that you're watching TV. You can dim the lights from your easy chair. If you hear a noise, touch a button and your outside flood lights jump to life.

It's all easy when you have this top of the line Command Console, shown above, sitting next to you. It can let you control up to 16 different lights and appliances.

You can turn each on or off. You can dim or brighten lights. And look at this, you can turn all your controlled lights on or off for instant security with the 'All On' and 'All Off' buttons on the console.

You can even move it from room to room because its total installation consists of simply plugging it in.

THE TIMER

This sophisticated electronic brain can perform 32 tasks. Just plug it in.

Select the module number you want to control, then decide if you want the controlled device to come on or off.

If you only want something to happen once, just push the 'Once' button.

There is a 'Daily' button that lets anything you've programmed occur every day.

There's a 'Security' button. You can program lights and radios to give your house a lived-in look when you're away.

With The Timer, you can set your window air conditioning to come on an hour before you return from work.

Or, you can have your porch lights come on so you'll never enter a dark house. And, you can set your hall light to come on at 11PM and off at 6AM.

Special Note: Just put in a 9V battery and your program memory will be protected from power failures.

TELEPHONE CONTROL TOO

You can even phone home and control anything. Just plug it into both your AC line and any modular phone jack.

Then just call your regular phone number, hold up its 'beeper controller', give your 3 digit code, and start controlling.

And, if you own a second home, now you can activate pipe heaters or 'switch on' the house so it's warm or cool and lit.

ULTIMATE REMOTE CONTROL RISK FREE

It's simply thrilling to use. It's security. It's convenience. And, it's fun. It's backed by X10's standard limited warranty.

If you aren't 100% satisfied, simply return any component to DAK in its original box within 30 days for a refund. Note: Special Sale modules must be returned if Wireless Remote is returned.

To order **Any Combination** of Command Consoles, and Modules call toll free, or send your check as shown below.

All Command Consoles and Modules are 100% compatible.

1)The Hand Held Wireless Remote plus Receiver-Lets you control 8 different modules with one receiver, or buy two sets of transmitters/receivers. You'll have two handsets and **each** will be able to control up to 16 different modules, On/Off and Dim. NOW ON SALE FOR JUST **$39.90** ($3 P&H) per receiver/transmitter set. Order No. 4712.

SUPER SALE ON GE MODULES. You may order up to 25 modules with each wireless system you buy. The specifications are identical to X10's below. They are just **$6.90** ($1 P&H) each. Use Order No. 4899 for the Lamp Module. And/Or, use Order No. 4900 for the Appliance Module. **Note:** If you don't order the Wireless System or want more than 25 modules, order X10's below.

2)The Control Console-Lets you control up to 16 different modules. On/Off/Dim/All On/All Off. Just **$19.90** ($2 P&H). Order No. 4622.

3)32 Event Clock Timer-Lets you control 8 modules. Also acts as a command base plus sleep and security extras. Just **$26.90** ($2 P&H). Or. No. 9777.

4)Telephone Responder-Phone home and control 8 devices. It's also a base. It's just **$39.90** ($3 P&H). Order No. 9778.

5)Lamp Module-Controls/Dims lamps up to 300 watts plugged into walls. Just **$9.90** ($1 P&H). Order No. 9779.

6)Wall Switch Module-Controls/Dims lights now controlled by wall switches. 500 watt capacity. Just replace your wall switch with this automated module. Just **$12.90** ($1 P&H). Order No. 9780.

7)Appliance Module-Control stereos, TVs, or anything with motors. 15 amps, 500 watts, 1/3hp rating. Just **$10.90** ($1 P&H). Order No. 9781.

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8200 Remmet Ave., Canoga Park, CA 91304

The Great $99.90 Copier Blow-Out

DAK has obliterated the $349 suggested retail price. Now for just $99.90, you can copy price lists at trade shows, articles in libraries, receipts in your car, stock quotes on airplanes, recipes at home or blueprints on a construction site.

By Drew Kaplan

You're in a restaurant. An important meeting is in progress.

The person you're meeting with shows you a confidential price list. You whip out your new Silver Reed Industrial Pocket Copier and make yourself a copy.

Great Idea, *but*.. While thousands of rich executives are currently increasing their productivity by using this sophisticated copier at meetings, in hotels, and of course at home, it's simply been too expensive for the rest of us to use.

Well, no more. Silver Reed couldn't find as many rich executives as it needed, so DAK bought all their copiers for cash! Now, for just $99.90, which I've been told is $40 below the Japanese manufacturing cost, we can all make full size, crisp, flawless copies wherever we are, instantly.

Now we can all enjoy the productivity and luxury of the rich. We can forget the $349 suggested retail price.

We can forget the 1987 Confidential $230 Dealer Price List Cost. Cordless, hand held copying is now a reality while our limited supply lasts, for just $99.90.

HOW IT WORKS

Dozens of magazines have reviewed this product because of its revolutionary miniaturized technology and utility.

Just glide this less than 2 pound copier over any printed surface including words, pictures and graphs. And, your permanent copy will instantly emerge.

This copier uses the newest sophisticated CCD image sensors to scan the material to be copied.

It then digitally converts the image. Finally, much like a laser printer, it prints an image so sharp and crisp and with such incredibly fine dots, that it can even have more contrast than the original.

Since it uses the newest thermal technology, there are never any chemicals or powders to bother with. And best of all, absolutely no maintenance is required.

It's a phenomenal amount of technology for just $99.90. Plus, look at everything you get!

It comes with **built-in** rechargeable ni-cad batteries. So, you won't have to buy batteries. And, even the charger is included. There's a leatherette carrying case and it all fits easily into your briefcase, purse or overcoat pocket.

HERE AND THERE

So, if you want to copy a column out of an encyclopedia, or a document that can't be removed from a file room or library, or stock quotes from the paper, Silver Reed has the solution.

FINAL CLOSE-OUT

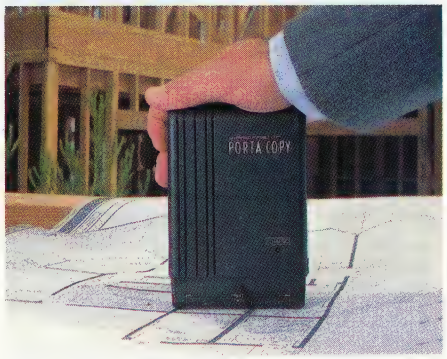
List Price was $349
DAK sold it for $299

NOW JUST $99.90

At home you can copy checks, recipes or airline ticket schedules.

On the road, you can copy your expense receipts as they occur. If you're like me, you often lose half of them, so this copier is saving me a lot of money.

And look at this. It's ideal for copying numbers & addresses from phone books in phone booths. Now you don't have to scribble notes; just pass the copier down the pages and you'll have a perfect copy, even from the yellow pages.



BUT IT'S ONLY 3" WIDE

It copies a 3" wide path, as long as you like, flawlessly. So, it's really great for sections of blueprints, computer printouts and hard to copy items like box labels in the warehouse or on the dock.

You can copy a typical 6" letter (that's the average text amount) in two quick passes. So, for letters, checks, research or newspaper articles, you can now copy where no copier has gone before.

ALL THE CORDLESS USES

From copying EKG results for doctors to bibliographies for students and professors, you'll be more productive.

Forget taking tedious notes. Just copy paragraphs or sections you need. You'll have error free permanent records.

You can copy charts or music. Copy an income statement or a balance sheet.

And, if you've ever stood in line at a federal, state or city archive as I have, you can now copy anything instantly.

And, speaking of aggravation, being stuck in a hotel room or on a commuter train can just devastate my productivity.

I can't copy my notes. I can't copy sections of articles I'm reading to show my fellow DAK executives, and I hate writing notes on original spec sheets.

If you make house calls to sell insurance,

. . .Next Page Please

. . .Copier Blow-Out Continued

or real estate, or if you simply work on school projects at other peoples' homes as my wife does, this copier is a must.

You can copy title reports, old medical forms, or even original blueprints. For working on school projects, you can instantly copy class phone/address lists and save lots of tedious note taking.

You can copy the front and back of a check. Or, you can copy a map so you won't get lost. It's all really easy.

Copy driver's licenses if you own a store and cash checks, or if you have an accident. Hospitals can copy health cards or IDs for permanent, error free records.

And if you're into government espionage (our side only please), this copier should replace your old spy camera.

Of course, the most common use is at your desk. You'll be amazed at how many things you'll copy when a copier is at your side. As I mentioned, if I read an article, I like to copy the important parts for others at DAK, to maximize my efforts.

BUT IS IT REALLY GOOD?

OK, if you're standing next to your desktop copier, which copier should you use? Well, the answer is simple. Assuming you don't have to wait for the desktop copier to warm up, (the Porta Copy is instant on) the answer is the desktop.

But, you'll love the quality of this copier. You'll love all the places you can take it. And, now that it doesn't cost $349, you'll love how much cheaper it is.

The quality of the copy is nothing short of superb. So, you won't be sacrificing quality for portability.

It's just 6⅝" tall, 4" wide and 1¾" deep. It weighs less than two pounds (Wow). It has a copy density control that lets you adjust for imperfect originals.

It comes complete with a carrying case, a roll of paper and the recharger for its internal ni-cad batteries. It's backed by Silver Reed's limited warranty.

Desktop Blow-Out Too

If you don't need cordless portability, DAK also bought all of Silver Reed's top of the line desktop copiers too. Forget the $449 suggested retail price. Forget the 1987 Confidential $280 Dealer Cost.

For an incredible $229 you can copy full 8½" X 11" papers and even books, flawlessly. It is maintenance free and doesn't require toner or powders.

Take a moment and journey back with me to about 1978. My very first real luxury was renting a Xerox® machine for my office at home.

Every time I made a copy of a letter or a magazine article, I felt successful.

My wife copied recipes and a never ending series of school projects for our kids. I could copy checks, tax returns or receipts. But, it cost me $100 per month for the rental, plus a charge per copy.

Well, now at home or in my own office at DAK, I can make perfect copies of letters and reports. I can make 8½" wide copies from 3" to 11" long.

This copier is absolutely silent. There are no fans to disturb you. The only sound you'll hear is a gentle whirr during the actual copy process. It's absolutely perfect for your desk at work.

At DAK, we have several large expensive copiers. But, we have a 64,000 square foot building. So, they are never nearby. I can buy 12 of these copiers for the cost of just one standard machine.

And since the copy quality is so good, several departments at DAK have their own. They're thrilled and I'm happy because they save time.

Just switch it on and in 3 seconds you're ready to make great looking copies. There's even a contrast control to compensate for imperfect originals.

It uses the same breakthrough CCD image sensing circuitry as the portable. The revolutionary computerized thermal technology that makes these copiers possible, provides you with crisp, dramatically sharp copies with contrast that can even surpass the original.

My wife often says she married me because I had a copier at home. (She was a teacher at the time.) And, we all use it a lot. From homework assignments to road maps to report cards, our copier is always running.

We had to send a copy of our cancelled check for a house payment to our bank. And, I copied a poem from a book for my son to learn. We even made copies of my son's 3rd grade speech.

This desktop copier is just 16" wide, 14½" deep and 4¼" tall. It's backed by Silver Reed's standard limited warranty.

THE UGLY SERVICE PROBLEM

Everyone knows that copiers need service. But Silver Reed's sophisticated maintenance free thermal copiers eliminate the problem. Forget powders, toners and drum cleaning. Just turn these copiers on and enjoy the luxury of making copies whenever and wherever you want.

MAMMOTH COPIER BLOW-OUTS RISK FREE

I love having a copier. I never have to get in the car when I need a copy of a document when I'm at home. And now, I can even make flawless copies in an airplane, a hotel room or on a loading dock.

If you're not 100% thrilled with either copier, return it to DAK in its original box within 30 days for a courteous refund.

To order Silver Reed's Hand Held Porta Copy Cordless Copier complete with built-in ni-cad batteries, charger, carrying case and a 30' roll of paper risk free with your credit card, call toll free, or send your check for DAK's limited blow-out price of just **$99.90** ($6 P&H). Order No. 4880. CA res add tax.

Extra 30 foot rolls of Thermal paper are just $1.49 each. A box of 5 is just **$7.45** ($1 P&H). Order No. 4679.

To order Silver Reed's DeskTop AC Powered Copier with CCD Imaging, 3"-11" long Copying, for home or office use risk free with your credit card, call toll free or send your check for DAK's limited blow-out price of just **$229** ($12 P&H). Order No. 4881.

100' Rolls of Pure White Thermal Paper are just **$4.90** ($1 P&H). Order No. 4836.

Having a copier at home or in your briefcase is one of life's true luxuries. And, once you have it, you'll realize that it's a money saving necessity as well.

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8200 Remmet Ave., Canoga Park, CA 91304

Orchestral ChordMaker Plus

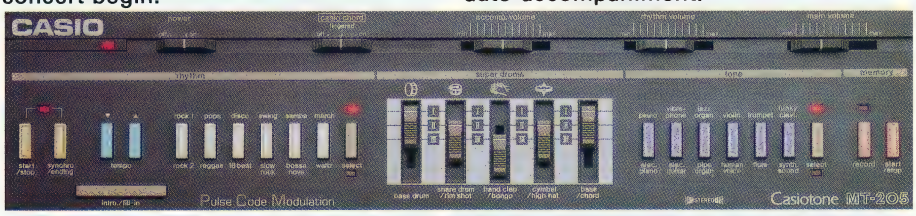
Here's an entire instrumental group to fulfill your every musical need. Whether you're a pianist, an organist or a singer, even if you've never played before, you'll be creating beautiful music. And, wait till you pick up the bonus drum sticks.

By Drew Kaplan

It's chopsticks time in musicland. Now you can play any of 12 totally different instruments, and have 12 different rhythm sections backing you up automatically.

And what if you don't play? Well, if you sing, this incredible new chordmaker will combine auto-rhythm with your choice of chords to accompany you.

It's amazing. It's like having a skilled band backing you up. If you want to sing in the key of G, just touch G, and let the concert begin.



GREAT SOUNDS

You'll hear your music through powerful twin built-in speakers. Or, connect this keyboard to your stereo system. Wait till you hear the power of a pipe organ in your living room. It's awesome.

Just touch a button and this keyboard accurately reproduces the sounds of the following 12 instruments and rhythms: Piano, vibraphone, jazz organ, violin, trumpet, funky clavichord, electric piano, electric guitar, pipe organ, human voice, flute and synthesizer sound. The rhythms are rock 1, pops, disco, swing, samba, march, rock 2, reggae, 16 beat, slow rock, bossa nova and waltz.

The sound is so real that when you touch violin, you can actually hear the bow move across the string.

So, even if you can only play with one finger, you can record about 500 notes in this keyboard's real time memory, or hook it up to your stereo and send your creations off to Carnegie Hall.

There are 12 basic rhythm beats, but you'll also have 5 automatic 'Super Drums', each with 3 variable effects for a total of 2,916 possible variations.

Plus, the rhythm is controlled by infinitely variable **electronic tempo controls**.

There's even an Intro./Fill-In Button and an Automatic End Button.

This may all sound complicated, but just switch on the keyboard and start playing. It's all really easy to use.

In fact, it's mostly automated for you. Or, you can take control anytime you like.

You'll have a full 3 octave 49 key range. And for chords, this keyboard is 8-note polyphonic which means you can press more than one key at a time.

Special note: Like a studio mixer, you'll have individual level control of the accompaniment volume, rhythm volume and main volume. So, you're in complete control of this superb musical system.

AUTO-ACCOMPANIMENT

This isn't the first keyboard I've seen, although it's certainly the best I've used. But I think what really sets it apart is the auto-accompaniment.

It combines rhythm and **the cords you**

choose to accompany you when you or a group sings.

It's like strumming chords on a guitar without ever having to learn how to play, and adding in a rhythm section too. Wow!

But if you're a professional musician, you'll love the freedom to play any instrument anywhere you are. It operates on 6 AA batteries (included).

And, it even shuts itself off if you haven't used it for 6 minutes. It's a full 26" wide, 7⅞" deep and 2½" tall. It weighs just 6 pounds, including batteries. It's made by Casio and backed by their standard limited warranty.

A COMPLETE ORCHESTRA RISK FREE

Put your fingers on the full sized keyboard. Play through the 3 full octaves. Choose your favorite voices. Then add in the incredible auto-accompaniment and auto-rhythm.

When you sit down at this keyboard, you'll be playing full rich vibrant instruments. It's great for soloists or for accompaniment. It's so easy to use because it's so incredibly sophisticated.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Casio's 3 Octave Full Size Electronic Keyboard with 12 Incredibly Accurate Instruments, 12 Separate Rhythms with 2916 Variations, Recording Capabilities and the incredible Chording Auto-Accompaniment Function, call toll free, or send your check for DAK's market breaking price (suggested retail is $199) of just **$129.90** ($7 P&H). Order No. 4895. CA res add tax.

Super FREE Bonus: Pick up the incredible electronic Casio Drum Sticks. You can add any of 8 drum sounds.

The sound is electronic. You can shake them in the air or hit any object. You'll be amazed. So, you can now have a complete drum section in your hands.

The sticks are normally a $50 suggested retail option. DAK will include them absolutely free when you purchase the keyboard at our breakthrough price.

NOTE: None of the rhythm capabilities described with the keyboard include what you'll be able to do with these incredible electronic drum sticks.

You'll be the hit of any party, even your own, with this phenomenal group of musical instruments from Casio.

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8200 Remmet Ave., Canoga Park, CA 91304

Ego Basher

Just follow the blinking lights for the most challenging game of your life. There are 12 levels. It's fully automated. And, it knows if it's going to checkmate you up to 11 moves ahead. Good luck!

By Drew Kaplan

It's you against the computer. And, I hope you're smart, because your ego is in for a real joy ride.

You're at war with the latest breakthrough in computer chess. Forget bothersome buttons and complicated deciphering of calculator displays.

This computer uses 'sensor technology' to interpret what you've done, and it simply lights 2 LEDs to tell you where it wants to attack.

It's the newest version of 'follow the bouncing ball'. Now it's follow the blinking light. So, let the war begin!

It's smart. It has 12 levels of difficulty and its brain is a 6502 microprocessor which, by the way, is the same system found in an Apple®.

And since this chess computer doesn't have to balance your checkbook, it uses all of its 20K ROM and 4K RAM to make your life miserable.

Its estimated playing strength is over 2000 U.S. Chess Federation rating points. So, it qualifies as a candidate Master.

Of course, it's easy pickings at level one. But, since I can't beat it above level 3, I've got 9 levels to bruise my ego.

SIMPLE TO USE

Notice that I said "simple to use", not simple to beat. Using this computer is incredibly easy. Just move the hand-carved wooden men. The computer will know exactly what you've done.

Then it's the computer's turn. Two LEDs will light to show you the man the computer wants to move. Then two more light to show you where to move the man.

It's simple. It's easy. And there are no buttons to push. You can concentrate on your game, not on the computer.

BUT, THERE ARE BUTTONS

The only button you really need is the new game button. But, look at this.

There's help. Just touch a button and the computer will join your team. It will pick your best possible move. A second button touch will send the computer's brain back to pick its best move.

You'll be amazed at how much you will learn and how your game will improve when you compare your choice of moves with the computer's choices.

You can cheat. Let's say you make a really dumb move. After you see what the computer is going to do to you (horrors, you've lost your Queen), you make the computer take back its last move and then you take back yours.

And that's not all. If you're the type of person who says "If only I had my Queen back, I could beat this thing." No problem. You can add back in, any piece anywhere, with the push of a button.

Well, forget cheating. With this feature, you can set up mate solution problems, play games published in the newspaper or set up a classic game in mid-play to really sharpen your skills.

Limits for all. This computer won't let you make an illegal move. And if you move its man to the wrong location, it emits an unpleasant sound and flashes the lights re-showing you where it wants to go (you dummy). It's really easy.

Much more. You can do a lot with the powerful brain of this computer. Not only can you add back in a piece you lost, you can take one of the computer's away.

This computer does everything a chess master would do. It has Castling, Pawn Promotion and En Passant. So, good luck.

As I said, I can't pass level 3. And I don't even want to talk about levels 5-12. And here's a nice extra.

You won't have to wait for this computer. With its powerful microprocessor, it thinks while you're playing (I think it knows what you're going to do).

It reacts in 5 seconds on level 1, 30 seconds on level 3 and so on. It even knows 3,000 opening positions.

You can take back up to 256 moves. It recognizes stalemates and draws. And, it's so powerful that it can solve mate problems up to 11 moves out.

WOW, IT'S REAL CHESS

But, playing chess is what it's all about. I love computers. But, I also like to feel the pieces in my hand.

And between the hand-carved chess pieces and the Nutwood housing, this chess set is as beautiful as it is smart.

It's very smart. It's very tough. But it's incredibly easy to use. Every move is even audibly confirmed. It's 14½" X 14" X 1¾". It operates from standard AC.

It's made in the U.S. by Fidelity Electronics, one of the largest chess computer manufacturers. And it's backed by their standard limited warranty.

TRY BUTTON FREE CHESS RISK FREE

If you like a challenge and your ego is strong enough to withstand losing to a computer, come on down. And, even if you can't beat it, at least you can display it as a lovely piece of furniture.

If you aren't 100% satisfied, even if you just lose too often, return it in its original box within 30 days for a refund.

To order your Fidelity Button Free, 12 Level Chess Computer risk free with your credit card, call toll free, or send your check, not for its $249 suggested retail price, but for just **$149** ($7 P&H). Order No. 4763. CA res add tax.

Whether you're a novice or a master, one of the 12 levels is sure to keep you humble. Chess taxes intelligence, not reflexes, which is why it's always been a game for Kings and Diplomats.

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Ion Tidal Wave Propelled

Like the awesome thundering power of a tidal wave, negative ions will wipe pollution out of your environment. And like the rising and falling tides remove pollution from the beach, your environment will be kept pollution free.

Nothing stands up to the mighty force of a tidal wave. And when the wave recedes, it takes everything with it.

And like the mighty suction of the receding ocean waters, pollutants in your air, from smoke to pollens, will succumb to the power of the Ion Tidal Wave. Here's how it works.

IN AND OUT

First the mighty wave strikes. The force of this wave's wall of water consists of 1,400,000,000 negative ions per second.

Being negatively charged, the ions attach themselves to any positively charged particles in your air. Pollutants such as cigarette smoke, pollen, smog, car exhaust and insecticide dust, all have positive charges. So, the negative ions are drawn to them like magnets.

Then the awesome wave of negative ions stops. The negative ions, complete with the attached pollutants, start drifting to your positively charged walls, ceilings and floors.

But wait. Just as the ocean reclaims the water that it so forcefully delivered in a tidal wave, the base of the new Pulsair 3 becomes a powerful positive collector and sucks the ions, with the pollutants attached, back to itself.

So, instead of falling to the floor or sticking to your walls, most of the pollution is pulled back to the Pulsair. Just like the rising and falling tides, your environment will be cleansed by the action of the ion wave.

If you want to see an ion generator remove smoke, here's an easy test. Place a standard clear kitchen bowl over the ionizer. Puff some cigarette smoke into the bowl. Then plug in the ionizer.

Before you can say, "Pulsair Kill", the smoke will be totally gone. It's an easy test and it's sure to make you a believer.

BIG BERTHA OF GENERATORS

Pulsair Phase 3 is the third generation of ion generators. First there were simple units that generated negative ions.

Negative ion generation is used in hospital burn wards and computer chip manufacturing to remove microscopic particles that can adversely affect patients and chips alike.

These ion generators worked fine. In fact, they worked so well that your walls became black from the particles they removed from the air.

In my opinion, black walls are a lot better than black lungs. But they worked so well, that consumers complained.

Then came bipolar collectors which sent out ions and concurrently collected them in the base.

Your air could be cleaned, your walls didn't get too dirty and everyone was happy. The only negative was that the ions couldn't go as far because they were being pulled back by the collector even as they were sent out.

Enter Big Bertha. Pulsair is different. It is bipolar, but it operates just like the ocean's rising and falling cleansing tides.

By sequentially sending out a massive wall of negative ions, then shutting off, and finally turning on its collector, a massive constant circulation of ions occurs that cleanses your room like never before.

Minute by minute, hour by hour, day by day, the sequence continues. First a massive wave of ions is sent out. Then seconds later, it's sucked back to the collector. You can't hear it. You can't feel it. But, watch the smoke disappear.

You'll have 3 protection levels. Level 1 emits ions for 5 seconds and collects pollutants for 30 seconds. Level 2 emits for 10 seconds and collects for 30 seconds. And Level 3 emits for 10 seconds and collects for 10 seconds.

So, if you're in a room with smokers, use Level 3. For home use, use level 1 or 2, because virtually all particles removed from the air end up on the filter.

CIGARETTE BUTTS & BOULDERS

Fans with charcoal or furnace type filters may remove some large particles like cigarette butts and large ashes from the air. But, they're just about useless for anything under 5 microns.

Over 90% of air pollution particles are smaller than 5 microns. So, there just isn't any other reasonable defense for you other than a negative ion generator.

Pulsair is just about the only air cleaning system which can remove and collect tobacco smoke, dust, pollen and even bacteria from the air.

Pulsair constantly cleanses all of the air throughout its tidal area. In contrast, fan driven filter type machines can only clean the air that they actually draw through themselves.

NOT A NEW IDEA

Actually, the negative ion manufacturers didn't think of this great way to clean the air. God did.

If you've ever smelled the sweet country air after a thunderstorm, or near the breaking surf at the beach, you know the invigorating feeling that comes over you.

Pulsair does for a 250 square foot area, what Nature does for the entire countryside. It seems that positive ions are associated with pollution and negative ions with good fresh natural air.

There are lots of claims that a negative air ionizer will let you think more clearly, sleep better and feel happier.

There's no way to prove or disprove the claims. But, it is safe to say that if all these things come from cleaner, pollution free air, it just may be possible.

A removable, washable filter comes with Pulsair. Just wait till you see what Pulsair removes from the air before it gets into your lungs.

It is 7" tall. It's made by ISI and, backed by their standard limited warranty.

A CLEANSING TIDAL WAVE RISK FREE

Make the smoke test. Let it wipe out the pollution (like other people's cigarette smoke) in your home or office.

If you don't think you're breathing cleaner fresher air, simply return it in its original box within 30 days for a refund.

To order your Ion Tidal Wave Negative Ion Generator with your credit card risk free, call toll free or send your check for just **$99.90** ($4 P&H). Order No. 4908.

I can't guarantee that it will help you sleep, solve crime, or improve your sex life. But it's tidal surges will give you cleaner air to breathe, and that's priceless.

Name Dialing 2-Line Winner

It's the best phone this writer has ever used. From its elegant good looks to its superb 2-line speakerphone, it's a class act. And, it dials up to 200 numbers by THE NAME of the person you want to call. Now, with $10 portable bonus!

By Drew Kaplan

It's love. Here's a name dialing 2-line conferencing speakerphone that will revolutionize your concept of telephones.

As president of DAK, I've tested hundreds of phones. **I've never used a better sounding, more useful phone, at home or at the office.** Let me tell you some of the reasons why.

FIRST, IT DIALS BY NAME

I hate having to remember phone numbers. With this phone, all I do is push the 'H' button when I want to dial Home. The 'D' button dials DAK. And, the 'I' button dials my insurance broker.

Most other dialers make you remember location numbers, such as '26' for 'Mom'. So, you're really just substituting one number for another. **Now all I need to remember is the person's name.**

Where I have more than one name that begins with the same letter, I can scroll through the names before it dials, or enter just the first 3 letters.

It's quick, it's easy and you'll never have to remember or look up and dial anyone's number again. Each memory location can hold up to 32 digits and you can store up to 200 different names. It has a memory capacity of 4096 digits.

If you dial special codes, this phone lets you dial them separately or combined, as you desire. You can even dial manually after automated dialing.

And speaking of manual dialing, you don't even have to push the speakerphone button to dial. When you touch the first number on the dial, the phone seizes the line, turns on its speaker, and you'll have on-hook dialing.

So, you'll never have to lift the receiver unless someone answers the line.

FORGOTTEN HANDSET

This phone has the latest K2 handset. It gives you traditional Phone Company fit and feel, yet, I find it even more comfortable to use.

But, you'll probably never use it. The speakerphone is so powerful, so clean, and so easy to use, you'll never pick up the handset unless you need privacy.

I've used good speakerphones before, but this speakerphone's quality rivals an in-person conversation. How's that for a description of a phone you can try for a 30 day risk free trial!

2-LINE MASTERPIECE

You can select Line 1 or Line 2. And, you can push 'Conference' to combine both lines. There are LEDs that show which line is 'In Use', 'On Hold', or 'Ringing'. And, each line has a different ring.

Installation is a breeze. It plugs into one standard modular 2-line jack or two modular 1-line jacks. Just plug it in.

PAGES OF HELPFUL FEATURES

There's a large LCD display that shows the name and number you want to call.

An automatic timer tells you how long you've been talking. And, a clock appears whenever you hang up.

You'll have Mute, Tone/Pulse switching, Pause, Flash, Battery Backup (2 C cell batteries included) and Automatic Redial which will redial a busy number for you, every 30 seconds.

It's made by Colonial Data, a research company partially owned by a large interconnect (big business phone systems) company. It's 9½" wide. And, it's backed by their standard limited warranty.

PUT NAME DIALING ON YOUR LINE RISK FREE

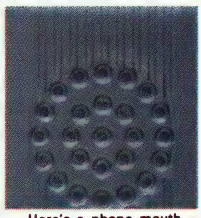
It's the best sounding speakerphone I've ever heard. Dialing by names instead of numbers is a quantum leap in both technology and convenience.

Now I don't have to remember peoples' phone numbers. I just touch a 'C' for customer and let the phone do the rest.

If you're not 100% convinced, as I am, that this is the best sounding, most useful phone you have **ever** used, simply return it in its original box within 30 days for a courteous refund.

To order your Name Dialing 2-Line Speakerphone, with God only knows how many features, risk free with your credit card, call toll free or send your check for just **$129** ($4 P&H). Use Order No. 4335 for Silver-Grey. Or, use Order No. 4452 for Ivory. CA add tax.

SPECIAL BONUS.


Here's a phone mouthpiece's eye view of the dialer. It speaks True Tone.

Take a pocket size version with you. It actually dials up to 200 numbers by name when you hold it up to the mouthpiece of any tone phone. It's also a calculator, timer, alarm and clock. **One** is yours as a bonus, **only** with each phone you buy. It's just **$10** ($2 P&H). Order No. 4893. It's available and a great value separately for just **$69** ($2 P&H). Order No. 4894.

In DAK's electronic world, where a new best is achieved almost every day, this phone stands out as the 'best' best I've ever had the pleasure of introducing.

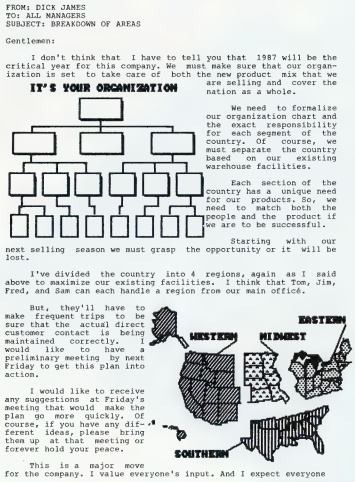
DAK INDUSTRIES INC.

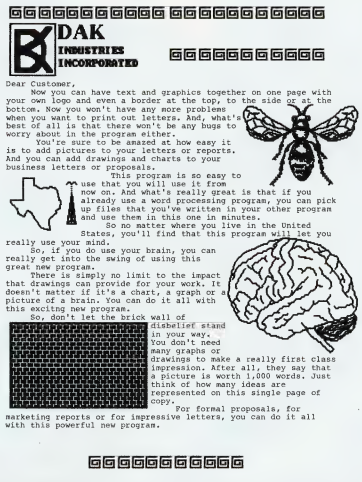
Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

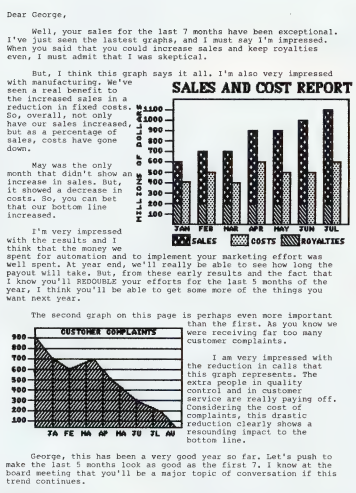
1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . .1-800-272-3200
Any Other Inquiries. 1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304







For Your Dot Matrix, Ink Jet & Daisy Wheel Printers

$89.90 Desktop Publishing Breakthrough

Imagine using a word processing and drawing program that lets you integrate charts and pictures that you 'paint' or 'clip' into your text. Well, if you use an IBM PC or Clone, now you can have graphically dramatic documents, from business or personal letters, to proposals, to organization charts, and even custom greeting cards.

By Drew Kaplan

It's easy. Even if you have as much trouble drawing a straight line with a ruler as I do, now it's easy to be an instant on-screen artistic success.

It's impressive. Now your thoughts can be powerfully illustrated in words, pictures and graphs.

After all, for illustrating abstract data and thoughts, nothing beats a dramatic chart or drawing. So, let your ideas leap off the page by using integrated text and graphics for really stunning impact.

Whether you write letters, bank proposals, term papers, company manuals or news letters, you can forget complicated and expensive desktop publishing programs.

Now for just $89.90, you can use your current daisy wheel, dot matrix or ink jet printer to print normal text. Plus, you can integrate simply fabulous graphs and drawings into your creations.

INCREDIBLY EASY

Savtek, a brain trust group, has developed an easy to use yet incredibly sophisticated integrated word processing and graphics program called ETG.

Just create your letters, proposals, or reports as you would with any other word processor. In fact, if you **already** have a document created in virtually any other word processor, you can 'grab' it into Savtek's instantly.

You'll produce visually powerful technical papers and manuals with drawings and charts, and dramatic marketing reports with graphs. You'll produce sales proposals with panache.

And since there's no complicated training needed (if you can run a simple word processor, you can run Savtek), you'll make great impressions, fast.

Anyway, once you've created the written part of your report, using Savtek's sophisticated automatic word processing features, you're ready to add pictures, charts and graphs.

Just select from the over 100 supplied changeable pictures or draw your own, using the automated ICON based drawing program. (See screen below.)

Anyone can draw with it because it's totally automated and you can use the arrow keys or a mouse. Later we'll look at word processing, but first let's draw!

DESKTOP PUBLISHING

Desktop publishing is about the hottest category of computer programming. It seems that everyone has discovered the impact of combining text and graphics.

And **very** impressive presentations are just what Savtek's ETG Desktop publishing system provides for you.

Imagine leveraging the capabilities of **your own** IBM or Clone, **your own** printer and **your own** keyboard to produce **every document** you see on these pages, with nothing else to buy.

THE 1000 WORD PICTURE

First a confession. I really can't draw. That's why you don't see drawings in DAK's catalogs. But with on-screen automation, I've really become quite an artist.

It's easy. You do everything with the arrow keys and the return key. By using the arrow keys you can draw in any direction with a choice of 12 brush shapes.

There's an erase function to eliminate anything you don't like. UNDO is a function that works throughout this program.

It actually removes the last thing you did. So, no matter what you do wrong, you're a button away from removing it.

If you don't want a solid line, just spray an area. It's like using a spray can.

Let's say you want to connect two points with a straight line. Use the Angle Line. It produces a computer generated straight line between any two points.

What if you want a circle? Just touch the return key. Then use the diagonal arrow key to enlarge or reduce the circle. If you use the up/down or right/left arrows, you'll get an ellipse.

In the same way you can create squares, rectangles or triangles. And you'll be amazed how many things, from houses to technical drawings, are made up of squares, rectangles, circles and triangles.

Check the automatically made squares, rectangles, circles and triangles at the top of my computer screen shown to the left. Then, look at the airplane at the bottom which I then copied and juggled. But read on, I'm getting ahead of myself.

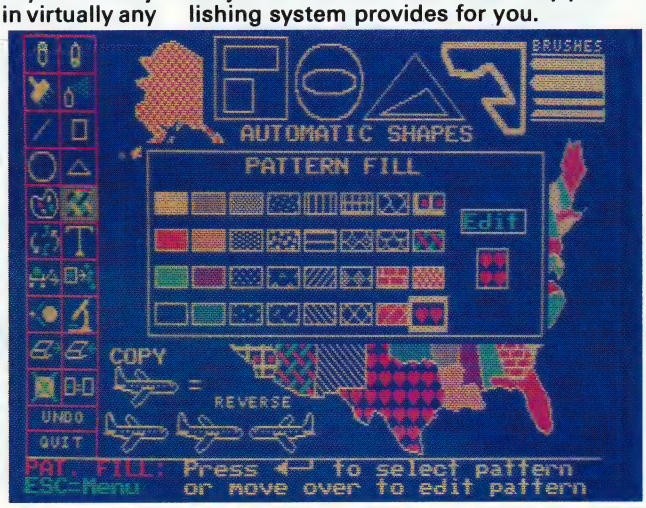
You can choose any of 32 background patterns to fill in enclosed areas or broad lines (pictured). And if 32 isn't enough, you can even design your own.

There's so much more. You can juggle a picture. Imagine, turning it over or sideways with the touch of a button.

You can copy or move a picture or even part of a picture right on the screen.

. . .Next Page Please

FREE-HAND DRAW
ERASE
SELECT 12 DRAWING BRUSHES
SPRAY PAINT
DRAW STRAIGHT LINES
ANY SIZE SQUARE/RECTANGLE
ANY SIZE CIRCLE/ELLIPSE
ANY SIZE/TYPE TRIANGLE
CHANGE DRAWING COLORS
32 + CUSTOM PATTERN FILLS
TURN AROUND OR OVER
ADD CAPTIONS IN PICTURES
MOVE THINGS AROUND
COPY/MOVE PARTS
ENLARGE OR REDUCE PARTS
ZOOM INTO DETAILS
GET DRAWINGS FROM DISK
SAVE DRAWINGS TO DISK
ERASE PART OF SCREEN
ERASE ALL OF SCREEN
UNDO LAST COMMAND
LEAVE PROGRAM



. . .Publishing Continued

So, draw it once and copy it or move it.

But, here's my favorite. You can enlarge or reduce any picture or part of a picture right on the screen. So you can change its size equally, or you can stretch it out or make it tall and thin. Look what I did with the map of the U.S. in the printed samples below. Wow!

There are 12 included font/sizes. So you can have large or small type in your choice of styles within a picture or integrated with your text as titles.

And, each of the 12 font/sizes can be printed normally, in bold, in italic, in outline, or in shadow. Plus, you can write normally across the page, up the page, down the page or upside down.

You can operate this Paint program independently. Or, you can access any picture from within word processing.

NOW FOR THE WORDS

Savtek's word processing program is really unique because it's so easy to use. And, it has complete page layout control.

Below we'll look at its word processing, but first let's add some pictures.

Just write your text. When you select a picture, the computer will produce an automatically sized box on the screen representing it. Just position the box wherever you want the picture to be placed in the text you've written.

Like magic, the actual picture will appear and the text will automatically reformat (wrap) itself around it.

And, speaking of reformatting, this program will automatically make page-breaks and recalculate each page as you write or edit. If you make an addition to page 1 of a 10 page report, the effect will ripple through all 10 pages.

So, whatever length you've chosen for each page (including headers, footers and automatic page numbering), will automatically be preserved.

You'll particularly like the cut and paste features of this word processing program which allow you to copy, move or delete sections of your text.

Of course, you'll have automatic Word-wrap, Hidden Hyphenation, Justified Smooth Right or Ragged Right text. Plus, you'll have Find, Replace and Search.

And look how you can format your document. There are 5 built-in page templates called rulers which allow you to automatically set up your page.

You can select any right and/or left margins, your tabs, one, two or three line spacing, and the number of blank lines at the top and bottom of your page.

HOW DO THE PRINTERS WORK?

I often use a daisy wheel printer because I like personal looking letters. Unfortunately, I couldn't have my graphics on the same page as my text.

Now, because this program can use the period on the daisy wheel (just as easily as it uses the pins on a dot matrix printer) to create all the charts and graphic symbols you see within this ad, I don't need to switch printers any more.

Of course my dot matrix printers are still faster, but this intelligent program lets **me choose** the printer when I want to integrate graphics into my text.

Note: This program does not produce two column news letters in a single action. Simply create a double length column and cut it when you have it printed.

No matter what printer you use, daisy wheel, dot matrix (with or without near letter quality printing) or ink jet (color or single color), you'll have powerful looking documents to really present your ideas in the most professional manner.

WHO CAN USE THE SYSTEM

All you need is an IBM PC, AT, XT or 100% compatible with standard IBM CGA or EGA graphics capability. It must have at least 256K, and either two floppy disk drives or one floppy and a hard disk.

Below is a list of some of the dot matrix, ink jet and daisy wheel printers that have been tested with this program. If your printer is compatible with any of these printers, it should work too.

Special Note: With a color printer you can print 3 colors plus black text.

Brother M-1109, **Canon** PJ1080A, **C.Itoh** 8510, A10/30 **Epson** FX-80, FX-85, FX-185, JX-80 (color), LQ-800, LQ1500, LX80, MX80 with Graftrax Plus or Graftrax, RX-80, RX-100, **Hewlett Packard** 2225C Think Jet or QuietJet, LaserJet, or LaserJet Plus, **IBM** 80CPS Graphics Printer, IBM Proprinter, IBM 3852 Jetprinter (color), **Juki** 6100, **Mannesmann** Tally Spirit 80, **NEC** 3500, 3510, 3520, 3530, 3550, 5500 series, 8023A, NEC Pinwriter P5XL, P6, P7, **OKIDATA** Microline 92, ML92, w/IBM Plug & Play, ML 193, 20 (color), **Okimate** 20, Color, **Olivetti** PR2300, **Panasonic** KX-P1080(i), KX-P1091(i), **Quadram** Quadjet (color), **Tandy** DMP-110, 130, 200, DWP-210, 220, 230, 510, **Smith Corona** D-100, D200, D-300, **Silver Reed** EXP series, **Star Micronics** SG-10/15, **TI** 855, 865, **Toshiba** 321, 341, 351, **Xerox** (Diablo) 620, 630.

FINAL FACTS

There's a pop-down calculator which lets you deposit your results right into your text. A clock/timer picks up the time from your computer, and there's a 7,300 year calendar. They are all available as pop-down windows. Savtek's program is backed by a standard limited software warranty /license. It comes with a superb, easy to use reference manual.

DESKTOP PUBLISHING FOR YOU RISK FREE

Make your ideas explode in front of your readers. When you send out a letter or proposal, let it be really dramatic. They will be your ideas, but you'll be presenting them like never before.

If you're not 100% satisfied, simply return it in unused condition within 30 days for a courteous refund.

To order Savtek's ETG Integrated Word Processing and Graphics Desktop Publishing System for your IBM PC or Clone, call toll free or send your check for the breakthrough price of just **$89.90** ($4 P&H) Order No. 4801. CA add tax.

You can acquire just the Paint Program complete with painting and printing capabilities and with 100+ clip art drawings but without word processing for just **$49.90** ($4 P&H) Order No. 4872.

EXTRA PREDRAWN CLIP ART

Library disks with over 150 drawings each are available for just **$15.90** ($1 P&H).

General Disk One-Aircraft to Birds to Telephones to Music etc. Order No. 4873.

General Disk Two-Bathrooms to Space Shots, to Computers etc. Order No. 4874.

Vacation & Holidays-Beaches to Birthdays to Thanksgiving etc. Ord No. 4875.

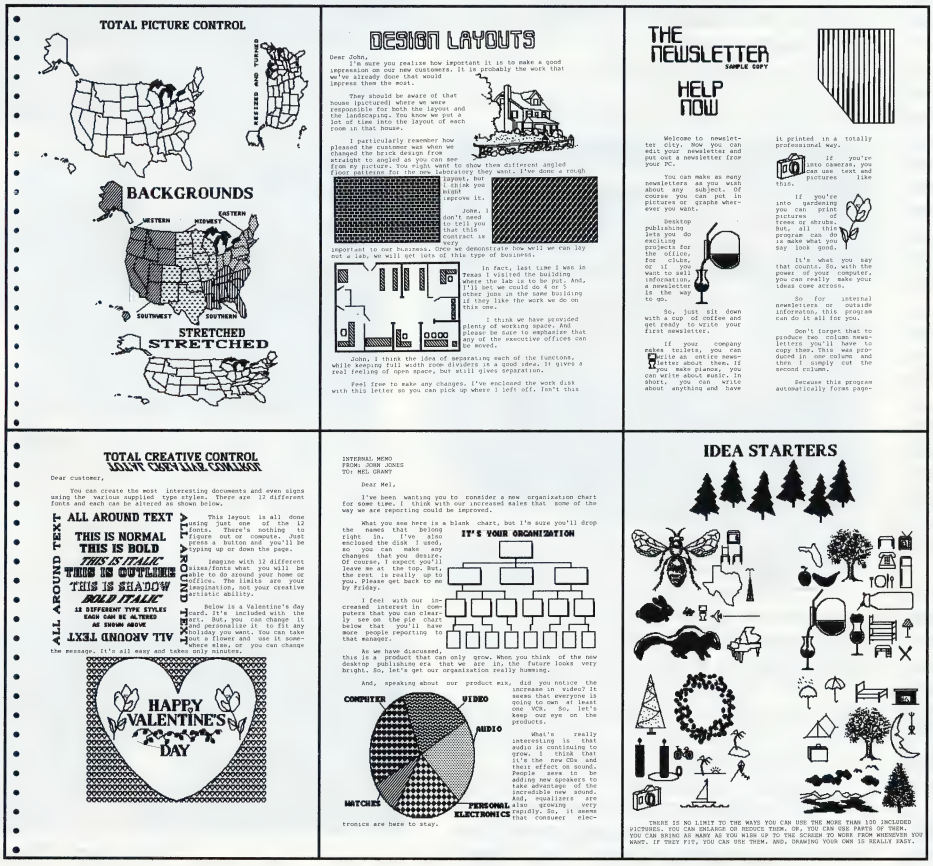
Maps & Flags-Solar System to Cities to Europe with Flags etc. Order No. 4876.

Business-Calculators to Plumbers to Stock Market etc. Order No. 4877.

Sports & Leasure-Baseball to Cars to Golf to Horses etc. Order No. 4878.

Look at the sample pages I created. You'll see graphs, pictures and charts mixed into my text. I even designed a logo for my newsletter. Just think about the impact you'll make when you present your ideas with a combination of text and graphics. And, it's so easy.

IBM is a registered trademark of International Business Machines.



DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . .1-800-272-3200

Any Other Inquiries. 1-800-423-2866

8200 Remmet Ave., Canoga Park, CA 91304

Persuasive Presenter Close-Out

For business presentations, family outings (even in the kitchen or bedroom) or copying STEREO tapes, Citizen's new One Piece AC/DC/Battery Stereo VHS Video Cassette Player with built-in high resolution 5" color monitor, lets you see it all. This is a heavy-duty industrial business product, but at DAK's close-out price, now it's great for home use too.

By Drew Kaplan

It's movies on the move. Now you can watch movies or show sales presentations **anywhere**, totally hassle free!

On your desk, in your car, on an airplane or boat, or at the park, this industrial presentation system will instantly provide superb video and audio quality.

Forget hooking up components. Forget cables. Forget being locked to an AC plug. In fact, forget setup at all.

In your office, in your bedroom or in your camper, just put in a VHS video cassette and start watching. Citizen's complete presentation/entertainment system unlocks video for you instantly.

Whether you're presenting a sales message to a prospective customer, working on your car in the garage or lying in bed, this hassle free system instantly plays your VHS tapes.

It's small enough to place under an airline seat. It's small enough to sit on the corner of a customer's desk. Yet, it's big enough to tell **your full story**.

At home you can carry it from room to room. Why be tied down to one room to watch tapes? It's as easy to carry as a briefcase. Cook in the kitchen or relax on the patio, this rugged industrial system is made to be on the move.

RIGHT MOVES

You can be confident of the industrial rugged dependability of this new **Japanese made**, video presentation system from Citizen Business Machines. Citizen made it to compete with presentation systems in the $1,000 range from companies like DuKane®, and Panasonic®.

When it was developed, Citizen never dreamed this industrial system would sell for DAK's close-out price.

Imagine, a video presentation system designed to be tough enough for continuous use in library media centers (the headphones are included) and industrial training departments.

So, use it all day to demonstrate your products at a trade show. And then, take it back to **your hotel room** at night so that you can curl up with a good movie.

USE IT ANYWHERE

Plug in its included AC cord the minute it arrives and you'll be watching video in seconds. There is absolutely nothing to hook up. There's nothing to set up. It's ready to use right out of the box.

Use this presentation/entertainment system anywhere with its optional car cord and rechargeable Ni-Cad battery.

And speaking of places I like, the back seat of the car is great for my kids. Now for long drives, I just give them a movie and they are entertained for hours.

At home, if anyone is ill, they can be entertained by movies in **any** bedroom.

THE BUSINESS OF IT ALL

Now you can watch tapes in your office between phone calls or with visitors.

SALESMAN'S WONDER

From the boardroom to the selling floor, this machine demonstrates all angles of your product or service and delivers your message. And boy, does it

capture your viewer's attention!

On the road, this 22 pound briefcase size sales tool is so portable and easy to use, you won't want it left behind.

TRAINING DIRECTOR'S ANSWER

From safety films to sales training, everything is available on video. Now you can bring the video to the production line, the lunch room or a spare office.

You can train in groups. You can train individually. And, you can send this 22 pound trainer home with the trainees.

. . .Next Page Please

. . .Presenter Continued

EDUCATION

In learning centers, libraries and classrooms, the AV department will be thrilled with these heavy-duty machines.

After all, who's tougher on machines than kids. With this video system and its included headphones, you can line 10 of them up and have individual instruction. **Or, use the powerful built-in speaker for groups.**

UNENDING USES

For giving seminars, for use in hospital rooms or for insurance training, you'll have video wherever you wish.

It's particularly useful in doctor's offices because there's so much information coming in for doctors on video. And, for patients, there are many educational tapes available on various procedures.

For real estate, it's a natural. You can take video 'Walk-Throughs' right to client's living rooms.

THERE'S NO BUSINESS LIKE

Ah, to be in show business. Well, if you're a producer, a movie star, a dancer, an agent, or have anything to do with the entertainment business, you can now view the action wherever you are.

And, if you're in advertising, is there any better way to show clients, or review your work, than with live video?

HOME USE WONDER

Most VCRs are made to be lovingly placed on a shelf and never moved. But, Citizen's industrial system is different.

Forget watching movies in just your living room or den. Now you can have video wherever you want to be.

Put it on your kitchen table during dinner. Put it on your nightstand for late night viewing with stereophones, so you won't bother your mate. And, take it outside effortlessly.

Whether you rent movies or want to play back TV shows you've recorded, Citizen's system will provide you with superb video quality and great sound.

If you want to copy a tape, simply play it on the Citizen and connect it to a VCR. You can copy in stereo at **anyone's** home. **Note:** Many movies are copyrighted and it is illegal to copy them.

ON THE ROAD

If you have a camper, a car, a boat or a second home, you'll love this system.

Just plug it into your car's cigarette lighter. It goes where you go.

So, for your children or yourself, you can enjoy movies or recorded TV shows at an instant's notice in any room in your home, or virtually anywhere you go.

JUST THE FACTS PLEASE

Citizen's industrial presentation system consists of an industrial quality VHS cassette player and high resolution 5" monitor. The picture is breathtaking.

It is only 16⅛" wide, 4⅞" tall and 12⅞" deep. It has a swing-out handle that also tilts the screen.

The heavy-duty dual-head stereo VHS deck plays standard 2 hour speed VHS tapes. And, the deck features high speed forward and reverse search as well as automatic end of tape rewind.

There are Audio (Left and Right) line outputs to connect to any Aux inputs and a direct video line out. There's a detachable AC power cord, and a 12V DC input.

It's backed by a standard limited warranty from Citizen Business Machines.

WHY SO CHEAP?

This is a 100% new product from Citizen. They built it for a large customer, to compete with the $1,000 systems from Dukane® and Panasonic®. Unfortunately, they were late in delivering, very late.

So, Citizen lost the order. But, they didn't lose the systems.

Citizen was stuck with 20,000 of these incredible systems and absolutely no customer waiting to buy them. **Enter DAK.** We bought all 20,000 at a price that made Citizen cringe. But, with all their other products, they didn't have the time to concentrate on just this one.

VIBRANT VIDEO EVERYWHERE RISK FREE

Use it at work. Use it at home. You'll have dramatically sharp video, anywhere.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Citizen Business Machine's industrial AC/DC/Battery Stereo VHS Video Cassette Player with built-in High Resolution 5" Color Monitor, built-in Speaker, and Samarium Cobalt Stereophones risk free with your credit card, call toll free, or send your check, not for a $1000 industrial price, but for DAK's incredible close-out price of just **$499** ($12 P&H). Order No. 4495. CA add tax.

DAK's Super Power Bonus, including a Car Cord and a 12V Ni-Cad 1,000 time rechargeable battery pack, the recharger, and a silver-grey battery bag, is just **$69.90** ($4 P&H). Order No. 4827.

A beautiful armored silver-grey carrying case with a hand grip and shoulder strap is just **$69.90** ($4 P&H). Or. No. 4828.

This system can be connected to any size video monitor or TV with AV inputs. If you want to tune in on channel 3 on a standard TV, add the RF modulator for just **$49.90** ($4 P&H). Order No. 4829.

It's a heavy-duty superb quality video system that has nothing in common with a home VHS system except for the compatibility of the cassettes it uses.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . .1-800-272-3200
Any Other Inquiries. 1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304

Instant You, Digitally

Forget complicated answering machines. Forget worn out announcement tapes. Now you can simply touch a button and record your voice digitally on computer RAM. It's an incredibly easy to use breakthrough, for just $49.90.

By Drew Kaplan

It's hassle free. And, its flawless digital reproduction of your voice is almost scary.

Now you can record your own voice on computer chips by simply touching a **single** button. Now you'll never again have to match your message to a continuous loop cassette.

If you're like me, recording a message on an answering machine is really an intimidating hassle.

Besides all the buttons you have to push, you have to rewind the tape, wait, and then play it back to see how your message sounds.

Well, with this all new digital breakthrough, simply push one button to record any outgoing announcement up to 15 seconds long.

Then, push another button to instantly play it back. It's totally hassle free.

In fact, it's so easy that you'll feel comfortable changing your flawlessly recorded announcement to suit your **hourly** needs. And, talk about flexibility, wow!

Now you can effortlessly change your message whenever you wish. So, if you're only out in the yard, you can tell callers you'll be available at 2:20PM. With a normal machine, they wouldn't know if you'd be back in 20 minutes or 20 days, so they might not leave a message.

So, in addition to standard answering machine features, you can instantly catch calls if you're down the street, in the shower, taking a nap, or getting the mail.

PRIVACY AND SANITY PLUS

Now you can really protect your privacy. Never before has an answering machine been so easy to use that you'll use it when you're at home too.

When you're home, you can 'screen' calls. Your new answering machine will answer the phone and you'll hear who's leaving a message. If you want to talk to the caller, just pick up the phone.

Now you can answer **only when you want** without missing important calls. This is a superb **necessity**, not just a convenience at the Kaplan household.

It seems that as soon as we sit down to dinner, the phone starts ringing. Now, we can hear who's calling (of course we can turn down the volume if we wish) and take only urgent calls.

I used to take the phone off the hook during dinner, but aside from the danger of missing an emergency call from someone, I've been told it's really rude.

If someone tries to call and gets a busy signal, they tend to keep dialing, thinking that we're talking. Well, have I got them fooled! Anyway, now we can have the best of both worlds with this incredible new answering machine.

GREAT SOUND PLUS

OK, it's really just like a conventional answering machine. But, it's incredibly easier to use than any machine I've seen.

When you touch the ANN. REC. (Announcement Record) button, you instantly record your voice on the machine's computer chips. So there are no moving parts to wear out, or tape to hiss or mess up the incredible fidelity.

Anyone calling you hears your message and then a beep. This answerer will then record **onto a standard cassette** the message the caller leaves.

The exact second they hang up, the cassette stops. So, you'll never have to listen to any blank tape.

You'll only hear messages, because your outgoing announcement isn't recorded on the tape. And, there's even a flashing message light to tell you when someone has left a message.

EASIEST EVER

There are no complicated controls. Installation consists of simply plugging in its standard modular phone jack and its AC plug (both included).

There's even a modular jack on the back of the answerer for your phone. And, a 9V battery (not included) backs up your announcement.

But, it's virtually control free. There are no complicated controls, no sequences to remember. Just record your announcement or play back your messages.

Of course, there's a volume control for playback. And, a built-in condenser mike lets you record your messages without anything to plug in.

Push the answer button to activate the machine. You can save or erase messages or fast forward or rewind to rehear a message. It's all incredibly simple.

To make it really easy, there's no remote pick-up, and the pretty colored handset I used in the picture isn't included. It simply answers your phone with the best fidelity you've ever heard and with the least effort ever.

ALL THE USES

For an hour, a day, or a month, this new answering breakthrough will faithfully record your incoming messages. And with its lifelike digital fidelity, your callers are sure to be awed.

With its full size standard cassette, it will take up to 30 minutes of your messages with no minimum length for each. Now you'll have total phone freedom and privacy at a breakthrough price.

It's made by Answerex and with its digital announcement and standard cassette drive, it's built to last. It's backed by Answerex's standard limited warranty.

YOUR VOICE IN LIGHTS
RISK FREE

It's eerie. Wait till your callers hear your voice. They'll be amazed. Wait till you see how easy it really is to use this incredible new machine.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your Answerex Digital Answering Machine that answers in your own voice digitally and takes your variable length messages on a standard audio cassette, risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just **$49.90** ($6 P&H). Order No. 4871. CA res add tax.

Now you can instantly change your announcement and thrill your callers with the digital fidelity of your voice.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

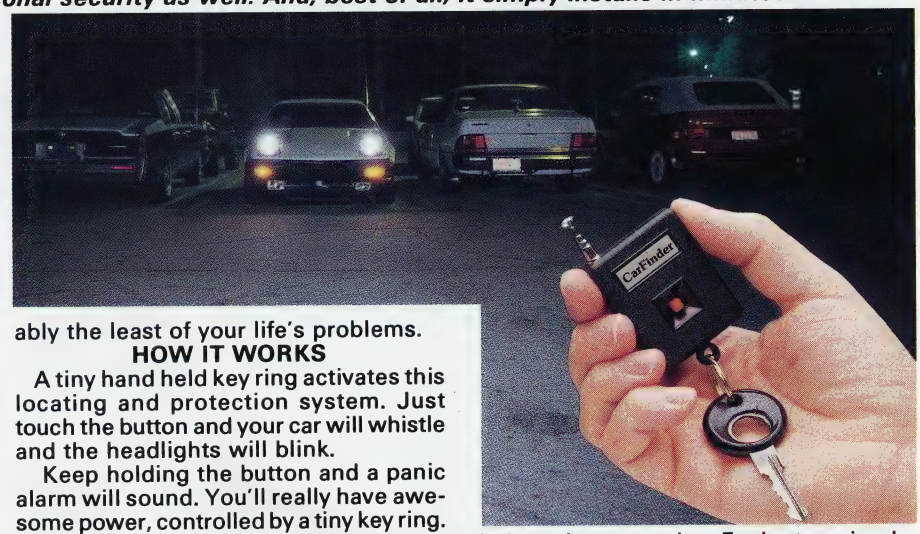
For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . .1-800-272-3200
Any Other Inquiries. 1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304

You Too Can Part The Sea

Let your car call out to you. At shopping centers, airports or parking garages, you won't ever have to look for your car again. Plus now you'll have great personal security as well. And, best of all, it simply installs in minutes.

By Drew Kaplan



You're at a mall. There are exit doors in all directions. Your arms are full of packages. And, you're with a friend.

As you look around, you realize that you've lost your car in a virtual sea of cars. How embarrassing!

At the ball game, at the track or at a convention center, it's really easy to lose your car. And, if it's late at night, walking around a parking structure isn't safe.

Well, now you can have your car call out to you. Now you can have its headlights blink. And now you can have it sound a panic alarm if you're scared.

While it may be embarrassing to lose your car in an amusement park's parking lot, it's down right dangerous for you or your spouse to be looking for your car at night in a dark parking structure.

And, even if you see your car, what if somebody comes near you? Well, they'll think you have friends in your car when the lights flash and the siren sounds.

SIMPLE INSTALLATION

It's easy. There's a 4'' 'box' which controls the system. Attach it under your hood with two screws or to your battery with double sided tape (both included).

Connect one wire to the hot side of your battery and the other wire to any chassis ground screw. Drop the antenna wire and you're through.

Connect one more wire and your headlights will flash. If it takes more than 5 minutes to install, losing your car is probably the least of your life's problems.

HOW IT WORKS

A tiny hand held key ring activates this locating and protection system. Just touch the button and your car will whistle and the headlights will blink.

Keep holding the button and a panic alarm will sound. You'll really have awesome power, controlled by a tiny key ring.

At the airport, your car will call out from the rows of cars. At night, you'll have lights and sound to help you find your car and protect you and your spouse.

It's called the CarFinder. It's made by Design Tech International. And it's backed by their standard limited warranty.

PART THE SEA OF CARS RISK FREE

If you're like me, you're usually within a few rows of your car when you start looking. Now you won't have to look at all and you'll have protection too.

If you're not 100% satisfied or if installation takes more than 5 minutes, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Design Tech's Car Locator and Protector with Easy Installation (no soldering) and up to 400' Range, risk free with your credit card, call toll free, or send your check for only **$99.90** ($4 P&H). Order No. 4915. CA res add tax.

It's convenient. It's fun. And its whistle makes it as great a conversation piece as its siren makes it a protector. Now you can part the sea of cars to get to yours, instantly.

Phone Dialing Traveler Plus

Imagine a watch that actually dials 50 phone numbers or remembers 50 appointments. Then start traveling because you'll be able to see the time in all 24 time zones. Plus you'll have alarm, stopwatch and countdown timer functions.

By Drew Kaplan

I'm astounded. First I can check the time in Tokyo. Then, I can raise my new watch to the mouthpiece of any tone phone and have the number dialed.

If you use a phone credit card number like I do, you know what a hassle it is to first dial a number then input a 14 digit credit card number.

Well, with Casio's amazing new dialing watch, my credit card authorization is just the push of a button away. And, I can have 50 different numbers, each with up to 14 digits stored in this watch.

Each number can have a name of up to 9 letters long. So, I just select the name from the watch's display and let the watch do all the work.

Just touch 'Dial' and the watch pauses for about 2 seconds so you can put it to your phone's mouthpiece. Then it dials.

AWESOME POWER

Dialing is just the beginning. You can use the memory to store appointments. So, if you have an anniversary in June, just set the date a week ahead and you won't forget to buy your spouse a present.

Of course, it's a watch. It shows the time, day, month and year. Of course, it has a standard daily alarm and even an hourly chime. But it does so much more.

Select World Time. As you touch the front panel buttons, you can see the time in New York, Chicago, Los Angeles, Honolulu, Tokyo and on. I've seen dual time before, but never 24 time zones. And a small inset shows your own local time.

There's a 24 hour countdown alarm. It's neat, because I use it for recording audio cassettes. I always know how much time is left, even when I've been recording selected tracks.

Finally, there's a conventional stopwatch complete with split time and 24 hour capacity. And like every mode except for telephone/scheduler, there's an inset that continues to show normal time.

One More Amazing Feature. This watch is incredibly easy to use. With all its functions, you'd think that you might need a degree in physics to use it.

Well, have no fear. You'll be dialing, timing and scheduling in just a few minutes. It's made by Casio, and it's backed by their standard limited warranty.

ALL THE WONDERS RISK FREE

Dial some numbers. Check the time in Paris. Time a race or use the countdown timer. And, you'll never forget your spouse's birthday again.

If you're not 100% thrilled, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Casio's Dialer, Scheduler, 24 Hour World Time, Countdown Timer, Stopwatch, Alarm and more, risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **$49.90** ($3 P&H). Order No. 4916. CA res add tax.

I'm awed. This watch's phone dialing, world time, countdown timer and slim design, simply blow me away.

Thunder Wall

You'll have a solid wall of musical brilliance at home or on the road when you use this new audiophile portable with 5 band equalizer, dual high speed dubbing, sequentially playing cassette decks, and AM and FM Stereo.

It's rich. It's deep. And it's powerful. This portable has the sound and features you'd expect from a home stereo, including extremely wide separation.

THE UNDETACHABLE

Imagine the rich beautiful sound you'd expect from a 6 speaker 4 foot wide stereo system. Then you'll have a mind's eye view of what this 21" wide wall of thrilling sound can provide for you.

It has a special 'Stereo Wide' circuit like a $149 unit we sold for stereo systems, that causes the mind to perceive sound to be coming from beyond the physical width of the system.

Of course, the 6 speaker sound, even when you don't have the special enhancing circuit switched in, is really vibrant. And, you can sculpture it to meet your exact musical taste.

By using the built-in equalizer, you can infuse your bass with life at 100hz. String basses, drums and orchestral crescendos will throb with life.

Cymbals, or brushes on a snare drum will take on life and excitement as you boost this equalizer's 10,000hz control.

And best of all, you won't make your favorite singer's voice sound raspy when you boost the highs, or muddy when you boost the lows. With an equalizer you can sculpture just the areas of the frequency spectrum you want to enhance.

This 5 band EQ lets you sculpture the sound at 100hz, 330hz, 1,000hz, 3,300 hz, and 10,000hz.

HIGH SPEED PRECISION

With dual cassette decks, you can copy cassettes at normal or high speed. And, you can listen to one cassette and then another.

The twin decks in this portable are perfectly matched for great sounding recording and playback.

You can make cassette copies of your own tapes for friends, or copy their tapes for yourself. Or, make cassette copies to use in your car while you keep the original cassettes safe at home. The nicest part is that the great sounding copies are totally hassle free.

You can also make great sounding recordings from its built-in tuners or from its built-in mike. You can also plug in your own external mikes. **And, look.**

There's mike mixing. If you sing, this is the system for you. Here's what you do. You can play a music tape on deck 'B'. Plug in a mike and sing along while you record everything on deck 'A'.

And there's more. If you then play the tape back on deck B and copy it to deck 'A', you can add yourself singing harmony. In this way, you can be a duet, a trio or even a chorus.

And don't forget, these decks play sequentially. Just put tapes in decks 'A' and 'B'. When the first tape is finished, the second will automatically begin.

AM/FM STEREO

Sensitive tuners really lock in your favorite stations. A large slide rule dial with an LED tuning indicator, lights when a station is tuned. A second LED lights if the station is broadcasting in stereo.

You'll really enjoy the FM stereo, because not only is it rock stable, when you use the equalizer, you can compensate for different station's sounds, and tailor all your music the way you like it.

SPACE SHIP CONTROL

OK, you've got rich full sound from the powerful amplifiers and 6 speakers. You've got the equalizer to sculpture your sound and 'Stereo Wide' to add excitement and realism. But, there's more.

There's a 'Loudness Contour' Button which adds low bass and extra highs to augment low level listening. So, this is one portable that doesn't have to be loud to be powerful.

There's Mute, so you can instantly mute the sound if the phone rings or someone wants to talk to you.

There's also a CD/Aux Button and input, so that you can have another source to listen to or record from. You can even listen to AM/FM or an outside source, when you copy cassettes at high speed.

You can operate this portable on AC (cord included), or by standard D batteries (not included). This incredible wall of music is made by Emerson and backed by their standard limited warranty.

A THUNDEROUS WALL OF MUSIC RISK FREE

Wait till you hear the enhanced and sculptured power of this 6 speaker thunderous wall of music. When it's soft, it whispers. When it's loud, it thunders. And, at any level, you'll enjoy your choice of clean, clear, beautiful music.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Emerson's Thunder Wall with Twin High Speed Dubbing, Sequentially Playing Cassette Decks with Mike Mixing and more, plus 5 Band Graphic Equalizer, Stereo Wide, and 6 speakers risk free with your credit card, call toll free or send your check for just **$99.90** ($8 P&H). Order No. 4821. CA res add tax.

Why be tied down to one room to listen to your favorite cassettes or radio stations? Now you can have really great sound and high speed dubbing anywhere in your home or in the great outdoors.

Cable Controller Improved

Get all the cable channels on any TV or video recorder with this all new wireless infrared remote control cable tuning system. And at just $69.90, we're sure to break the cable market wide open.

By Drew Kaplan

If you've got cable, we've got it all. Now you can tune in up to 72 cable channels on any TV or VCR from your favorite easy chair.

The Universal Cable Controller receives all VHF Low Band channels 2-13 and VHF Mid-band 14(A)-22(I).

Plus, it tunes the Super Band VHF channels 23(J)-36(W) and Hyper Band channels from 37-73. You'll get a lot of entertainment for our breakthrough price.

Just imagine all the exciting shows that are fed right to your TV but can't be tuned in. And, even cable compatible TVs and VCRs, usually only have 10 or 12 presets. So, unfortunately, you have to choose only your favorites.

With the Cable Controller you won't have to choose. You can instantly tune in up to 72 channels all the time, anytime. So, your choice of entertainment will never be restricted.

MOVIE CHANNELS

If there are movie channels on your cable and they're not scrambled, the Controller is all you need. If they're scrambled, you'll need the cable company's box.

Note: Check with your cable company before viewing anything at all, to see if they require you to pay a fee.

SPORTS PLUS

There are lots of 'Super Channels' broadcast on cable. On the all sports channel you'll watch 'World Class Sports' whenever you wish. All Movie Channels give you entertainment at all hours.

And 'Super Stations' from New York and Atlanta give you major city TV for cities other than your own. Plus, there's Cable News Network for a world wide perspective on the news and much more. Why not see what's on your cable?

ONLY FOR CABLE

If you don't have cable, the Cable Controller isn't for you. It only finds you extra channels when you are connected to a cable. And, it doesn't tune in UHF.

But, if you're on cable, your cable company is rebroadcasting UHF over unused VHF channels. So with the Cable Controller tuner, you'll get it all.

TOTAL RANDOM ACCESS TUNING

The wireless infrared remote hand controller does it all. It switches both the TV and the Controller on and off and selects your channels. **And, look at this.**

If you like to watch two ball games and switch between them as I do, there's a special 'Alt' switch that lets you flip back and forth with the touch of a button.

Plus, you can select favorite channels for step tuning. So, you can tune all channels or just your favorites with the step tuning controls. I have 4 movie channels on my cable and I love to step tune through them during commercials.

For all other channels, you'll enjoy total random access tuning. You can go directly from channel 2 to 28. Or you can step tune one channel at a time.

Once you've set your own TV to channel 3, you can just forget it. Any fine tuning is handled from the wireless infrared remote handset. And you'll have microprocessor controlled synthesized tuning for the finest picture.

You'll see the number of the station that you have selected displayed on the command base. And, you can tune channels either from the remote or the base.

Color tints, volume, brightness and contrast are all controlled by whatever method you now use.

INSTALLATION

Nothing to it. All cable systems use 75 ohm round cable. Simply unscrew the end from your TV and screw it into the Controller base input.

Then screw in an identical cable (included) between the Cable Controller and your TV. Finally, plug your TV's AC plug into the Controller and the Controller's AC plug into the wall.

WHAT IT IS

The Cable Controller is actually a very sophisticated, all electronic VHF TV tuner/receiver. It's really like a TV set without a picture tube.

Since it's all electronic, you won't be getting snow from dirty tuning contacts and loss of fine tuning as the set ages.

The Controller tunes all the possible stations that your cable can broadcast, something that would be very expensive to build into standard TVs, because not all TVs are going to be used on cable.

GREAT FOR VIDEO RECORDERS

Now you can record off cable. With the Cable Controller hooked to your video recorder, you can open the world of cable to your video recorder too.

Cable compatible video recorders that don't even tune in 72 channels can cost much more. Plus, if you use your cable compatible VCR as a tuner for your TV, you can't record one cable channel while you watch another.

You can feed both your TV and video recorder. Or, you can separate them so you really can watch one program and record another.

WHAT IT ISN'T

It isn't one of the infamous 'black boxes' you might have read about that illegally decode various 'Pay TV' channels. On cable, most of the programming isn't scrambled, it's just found outside the tuning range of the average TV.

So, if there is a Pay TV channel that is scrambled, or is only unscrambled on one TV in your house, the Controller is not made and should not be used to tune it in without paying.

Actually 'Cable Compatible' TVs and video recorders do basically the same thing as the Cable Controller, but cable tuning is usually an added feature that often doesn't cover as many channels.

The Cable Controller is made and backed by a standard limited warranty from Universal Security Instruments Inc.

TRY THE WORLD OF CABLE RISK FREE

Relax up to 25 feet away. Change channels, adjust the fine tuning or turn your set on or off. Explore the vast number of cable channels available to you.

Try it risk free. If you aren't 100% satisfied, simply return it in its original box within 30 days for a refund.

To order your Universal 72 Channel Cable Controller with Wireless Infrared Remote Control risk free with your credit card, call toll free or send your check for DAK's market breaking price of just **$69.80** plus **$6** for postage and handling. Order Number 4870. CA res add tax.

There's a whole new world of entertainment waiting for you just off your normal TV tuning range. With the Cable Controller, you can sit back in your favorite easy chair and tune in the world.

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Any Other Inquiries. 1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304

Think Speak Locators

On the job, on the field or on the road. you can now talk and listen totally hands free. Plus you can keep track of and talk to your secretary, your boss, your foreman or your children up to 1/2 mile away. Choose headset or hand held models.

By Drew Kaplan

SWAT Teams use them. So do quarterbacks and firemen. Now you too can talk and listen to people near and far totally hands free, while you are jogging, sailing, skiing, hiking or riding a motorcycle.

Both at work and at home, this unique communications system, with a range of up to 1/2 mile, will let you keep in touch.

LOTS OF OPTIONS

Maxon's new 5 channel (all included) 49Mhz industrial dual conversion superheterodyne communications system lets us all keep in touch.

There are two conventional belt clip beeper style communicators which not only let you be beeped, they give you full two-way communication.

There's also a base station (the only piece that plugs in) for your secretary's desk or the kitchen sink. Since there are 5 separate channels, up to 5 totally separate systems can be in use at once.

If you are using channel 2 and your foreman is using channel 4, switch to 4. You can really mix and match this system.

If you need hands free communication, there are two headset models (only one ear is covered for safety), which are great for forklift and truck drivers.

The headset models offer a voice activated circuit (VOX) which automatically engages the transmitter whenever you speak, so that you are broadcasting. When you stop speaking, it will automatically return to 'stand-by' to wait for a reply.

AT HOME

This system is simply a lifesaver at home. Besides the obvious safety feature of being able to locate your children, you're never out of touch when you're working 'the back forty' or walking the dog around the block.

While you may not need 5 channels at home, the rugged industrial dependability of these units makes them ideal for setting up antennas and summoning help when you're working on a project.

Of course, my kids don't care much about security. They think Maxon's system makes great Walkie Talkies. But, when the call goes out "Earth to boys. Dinner is ready", they do show up.

You can talk to 1 or even 10 people with Think Speaks. The Think Speak is great if you're skiing with friends, using two boats or hiking in the mountains.

AT THE OFFICE

It's true. It seems that whenever I buzz my assistant, she's not at her desk. I've threatened to tie a bell to her. But now I just touch a button, and no matter where she is in DAK's 64,000 square foot facility, I'm in contact.

In your factory, you can communicate with forklift drivers or people working in the warehouse. On construction sites, you're never out of touch with your foreman and heavy equipment operators.

AT PLAY

If you hunt, fish or ski, you can now have clear, clean communication with your partner(s). It can even be used for neighborhood watch security. Now you can have house to house wireless communication, wherever you are.

So, for whatever reason you need to communicate, this system will be on your desk, at your side, or on your ear.

HOW IT WORKS

This system is no toy. When you touch the Talk button on any of the units, you engage a **virtually noise free** quartz crystal locked dual conversion superheterodyne communications circuit that operates on the 49Mhz band.

With its FM modulation, it won't sound like a CB or an AM radio. You'll speak and hear with great power and clarity. And, you shouldn't be bothered by any other radio transmissions as you are with CBs and Walkie Talkies.

The transmission output is a full RF of 10,000uV/m @ 3 meters max. No FCC license is required.

All units are totally interchangeable, sound identical, and will both transmit to and receive from each other. They are industrial units made by Maxon, a pioneer in professional 2-way equipment. They're backed by their standard limited warranty.

TRY THINK SPEAKS RISK FREE

You'll find you have the convenience of a beeper, but with full two-way communication capability.

With the range of up to 1/2 mile, you should be able to keep track of anyone in your office, factory, construction site or neighborhood. If you're not 100% satisfied, simply return it in its original box(es) for a courteous refund.

To order a Maxon Industrial Think Speak Communications System to fit your needs, call toll free or send your check for the models listed below.

A Base, complete with 5 channels, powered by AC is just **$49.90** plus ($3 P&H). Order No. 4530.

A Hand Held Communicator with 5 channels, powered by 4 AA batteries is just **$49.90** plus ($3 P&H). Order No. 4531.

A Hand Held One Channel Communicator (It has the same sound quality), powered by a single 9V battery is just **$29.90** plus ($2 P&H). Use Order No. 4533 for Channel 1, Order No. 4534 for Channel 2, and 4535 for Channel 3.

A Headset Communicator with 5 channels, powered by 4 AA batteries that has VOX (Voice Activation so your hands can be free) is just **$49.90** plus ($3 P&H). Order No. 4532.

A One Channel Headset Communicator with VOX (It has the same sound quality), powered by a single 9V battery is just **$29.90** plus ($3 P&H). Use Order No. 4912 for Channel 1, Order No. 4913 for Channel 2, or Order No. 4914 for channel 3.

Any Communicator on the same channel can communicate with any other. Base Stations are not required. At least 2 communicators of any type are required.

Now you can go where you want and still be in communication. Now you won't have to yell for your children, your secretary or your forklift driver. Forget paging and beeping. Now you can communicate from up to a 1/2 mile away.

2-Line Answering Solution

Now you can have both of your phone lines answered automatically. Now you can screen calls on one line without getting off the other. Plus, wait till you experience the quality of this hands free, memory dialing speakerphone.

By Drew Kaplan

You're on the phone. Your second line rings. Now you don't ever again have to break off your conversation.

Cobra's new 2-Line intelligent answering wonder will answer the line **you're not on** and even let you listen to the message being left, if you desire.

When you aren't using either line, you can choose: only line 1, only line 2 or both lines to be answered. So now, you can have total automated answering freedom for two phone lines.

INCREDIBLY USEFUL

Forget beepers. When you are out, you can call home **on either line** without using beepers to retrieve your messages. And, you can save or erase your messages from any Tone phone.

But there's much more. If you forget to turn it on when you leave home, no problem. Just call home and remotely turn it on. Plus, you'll have Toll Saver.

Why waste the cost of a phone call if you have no messages? Whenever you turn on this answering wonder, it answers your phone on the 4th ring and takes your first message. From then on, it answers your phone on the 2nd ring.

So when you call in, if you get to the 3rd ring, hang up and save yourself the cost of a phone call. You'll also have security. You can use a secret code to retrieve your messages.

EASY TO USE

Forget cumbersome 'fixed time' outgoing announcements. Most machines make you fill a continuous loop cassette.

If you've ever tried to do this, you know just what a pain it is to make your message just the right length. With this answerer, simply talk into the built-in mike from 2 seconds up to 1 minute.

SUPER CALL SCREENING

Perhaps the nicest part of having an answering machine is call screening. When you're at home, it allows you to hear who's calling **before you answer**.

So, if you're talking on the other phone line and someone calls, you can decide which call is most important to you.

And, of course, if you're not on the phone at all, you'll have this wonderful privacy protector working for you. You can turn the volume down and not hear incoming calls at all if you desire.

I'll BET YOU HAVE A QUESTION

OK, now that you can answer two lines, what happens if you get calls on both lines at the same time?

The first line that rings will be answered. The second line will continue to ring until the first line is released.

So, the second call will be answered when the person on the first hangs up. Why not calculate the the odds of both lines ringing at the same time yourself.

In my home, it's not too often. But, the odds of my second line ringing while I'm talking on the first are enormous. So, I love my newfound phone freedom.

TOTAL AUTOMATION

It's a sophisticated microprocessor controlled message taker. All messages are taken on a microcassette. And, incoming messages are variable.

If someone speaks for 20 seconds that's how long your message will be. If they hang up there will be no message.

And, this answerer will cut off any verbose caller who exceeds 3 minutes. So, when you listen to your messages, you won't hear dead space, only messages.

A flashing light lets you know at a glance if you have any messages. Plus, it's one heck of an automated, hands free dialing, 20 memory speakerphone.

SUPERB SPEAKERPHONE

Wait till you walk around the room talking on the great sounding, hands free speakerphone. You can talk on either line or even both lines, using the sophisticated conference feature.

You can dial out or receive calls on either line without ever lifting the receiver. Speakerphones are really convenient for dialing, especially if you reach busy lines or other answering machines.

Touch any of the One Touch dialing buttons and you can dial 20 of your most important numbers in tone or pulse.

There are 10 buttons and a selector that lets each button do double duty. And to protect the 20 memories, simply insert the included batteries.

You'll have just about every useful phone feature. You'll have Redial, Mute, and Flash. You'll also enjoy true electronic hold. It's great with 2 lines.

And, if you take a call on this phone, you can put it on hold and pick it up on any other extension in your home.

It has a ringer Hi/Low/Off switch. And, LEDs show: In Use, On Hold, and which line is ringing.

It uses the latest and most comfortable phone company style K handset. And, it's both wall and desk mountable.

EASY INSTALLATION

It simply plugs into one standard modular 2-line jack or two modular 1-line jacks. (2-line service is required.)

You also plug in its AC power cord. Nothing could be easier. It's backed by Cobra's standard limited warranty.

TWO LINE ANSWERING FREEDOM RISK FREE

I'm as thrilled with the two line call screening as I am with the automation of my two lines. And, just wait till you hear the sound quality of this answerer.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order Cobra's 2-Line Beeper Free Answering Solution with 20 Number Memory, Hands Free Speakerphone, risk free with your credit card, call toll free or send your check for just **$199** ($7 P&H). Order No. 4765. CA res add tax.

Wait till you hear the quality of your message and your caller's messages. And wait till you have all its automated features making your life incredibly easier.

Attack Of The Refrigerators

Hostile forces within your own home may be attacking your computer and stereo systems. It's an insidious attack, but before you even think about buying the Protectors below, check it out.

By Drew Kaplan

Don't order the Protectors below. Sit back tonight and spend a relaxing evening watching TV, working on your computer or listening to your stereo.

No, I don't think any of your components are going to blowup tonight. But tonight, there's just one thing I'd really like you to do.

EASY TEST

As you're enjoying your evening, keep an eye on the lighting around you (incandescent bulbs). Oh, don't bother to measure the intensity, lumens or anything complicated at all.

But, if your lighting is anything like mine, every so often, your lights will instantaneously blink or dim. If they don't, reading any farther may not be of life or death importance to your components.

If you're still reading, you'll probably be as amazed as I was, to know that there can be an average of 200 to 300 line voltage fluctuations per day.

Many of them can't be detected without instruments. But, the main ones, caused within your own home, and not by the constant stream of spikes coming from the power company, are easy to spot.

CONSTANT ATTACKS

The biggest culprit is your refrigerator or your air conditioner. Each time one comes on, a compressor cycles on and sucks up an enormous surge of power.

It's that instantaneous reduction in power that causes your lights to dim or blink. What you don't see, is that as the power level snaps back, a high voltage surge hits your equipment.

It's just like starting and stopping the nozzle on a hose. The flow fights to keep going and going.

By the way, if you ever have an actual power failure or brownout, turn off all your equipment immediately.

When the power comes back on, you are likely to get some mammoth spikes that can cause immediate irreparable damage to your equipment.

These spikes are large versions of what your equipment is inundated with, day in and day out.

Don't panic. Most equipment is made

. . .Next Page Please

Protect your computer and 5 peripherals from spikes, turn everything on and off from the front & swivel your monitor.

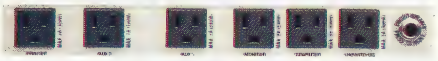
By Drew Kaplan

It's great. Now you don't have to reach around the back of your computer to turn it on. And not only can you turn on each peripheral separately, you can turn them all on or all off with one switch.

But there's more. This all new Power Controller is much more than just a fancy 'octopus' that supplies you with 6 outlets to get rid of cumbersome tangled cords.

It aids in the prevention of damage caused by voltage surges and spikes. It then goes on to filter your AC to help protect your equipment and data from line noises caused by power disturbing air conditioners, refrigerators and the like.

And look at this. It protects your equipment from itself. There are 4 separate filtered sections. So, your computer will be protected from your printer, modem or other peripherals.



BUT IT'S CONVENIENT

There are 6 protected 3-wire outlets on the back. 5 are switched from the front. One is unswitched but spike protected so you can leave a peripheral on.

Each of the 5 switched outlets has a non-glare status light so you know what's on. Push a button for on/off control.

You can swivel the monitor from side to side. So, if you have a separate keyboard, you can really type in comfort.

Above, you can see The Power Controller between the Visual IBM® Compatible Computer and its monitor. It is 1¾" high, 13¾" wide and 12¾" deep.

You can use it with virtually any computer. (It can hang off the back up to 3½ inches with no problem.) It's a perfect combination of convenience and protection for your computer system. It's backed by a limited warranty.

PROTECTION & CONVENIENCE RISK FREE

I've only had my data wiped out once by a power surge. But, I had over 2 hours of irreplaceable 1st draft copy in my computer when it happened.

Now, I'm using my new Power Controllers with 4 different computers. With this added protection, maybe I won't lose data again. And, I've learned to save my data much more often since my loss.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your 6 outlet Power Controller with Spike Protection, Line Filtering, Circuit Breaker and a 10' 3-wire grounded power cable risk free with your credit card, call toll free or send your check for DAK's blockbuster price of just **$79** ($6 P&H). Order No. 4623. CA res add tax.

I like the convenience. It's something that helps me every day. But, I'm thrilled with the added protection. If it even helps once, it's worth many times the cost.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . .1-800-272-3200
Any Other Inquiries. 1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304

. .Refrigerator Continued

to withstand this continual attack. With computers, you usually only crash or lockup if the spike hits at the critical micro-second of data storage.

It's then that you can lose your data or have your computer lockup. But frankly, it's not all that common.

What is common, is that the constant repetition of surges, spikes and high and low voltage that can average 2-300 times a day, ultimately cause your equipment to fail.

IMMORTALITY

Theoretically, a light bulb is made to last a set number of hours, because the filament is actually burning.

When we used tubes for our stereos, TVs and even computers, they too had a predetermined life. In fact, I used to retube my amps once a year because I could really hear the difference.

Transistors and integrated circuits don't wear out or have a set life. Unless they are damaged electrically or physically, there's no reason for them to fail.

So, you can be pretty sure that if the tuner in your stereo or the CPU in your computer fails, it's been damaged.

The Protectors below blunt this series of electrical shocks to your equipment.

And, while a catastrophic computer crash is rare, these Protectors are **also** really built to protect the long-term life of your equipment. And, they really do a good job.

Plus, they're very convenient. You'll have 6 plugs for your components, so you won't have wires running everywhere, and you won't forget to turn things off. (I always forgot to turn off my printer.)

When you use the Stereo Power Controller you can also add remote power ON/OFF and fully timed ON/OFF control of your stereo system.

Plus, if you're like me, there are never enough plugs in the back of your receiver to plug in all your components.

Wow, here's insurance for your stereo system that also makes your life easier.

So, if you're into computers or stereo, read my ads below. And, pay attention to any dimming or blinking of your lights.

And, if you open your refrigerator door for a midnight snack, remember, you may be attacking your electronic equipment as you add to your waistline.

Protect your stereo system's components from spikes and line interference. Plus, you'll control them automatically.

By Drew Kaplan

It's amazing. For years I've lived with occasional interference when I'm recording. When a transistor has blown, I've never known why. Plus, I've had to individually turn on and off each component.

Now I can protect my music from noise. Now I can protect my system's circuits from transient power surges. And now, I can not only control each component separately, I can turn them all on or off with a single button, or automatically.

But there's more. This all new Power Controller is much more than just a fancy 'octopus' that supplies you with 6 outlets to get rid of cumbersome tangled cords.

It aids in the prevention of damage caused by voltage surges and spikes.

It also filters your AC to help protect your music and recordings from noises caused by power disturbing air conditioners, fluorescent lights and the like.

And look at this. It protects your components from themselves. There are 4 separate, electronically filtered sections. So, your tape deck won't pick up a blip if you switch on another component.

BUT IT'S CONVENIENT

There are 6 protected 3-wire outlets on the back. 5 are switched from the front. One is unswitched but still spike protected, so you can leave on a component.

Each of the 5 switched outlets has a non-glare status light. Plus, there's 'Master Power' for selected components.

COMPUTER INSPIRED

Last year I picked up static from a bad fluorescent fixture on an FM broadcast I was recording, so, I put a computer power controller into my stereo system.

It has really cleaned up my sound. And, of course, added protection for my components. Also, with its 6 plugs, it's cleaned up my wiring. So, I've had the manufacturer create the same protection for my audio that I have for my computers. **And, look what we've added.**

AUTOMATIC CONTROL

The built-in clock timer will allow you to have your system come on and turn off whenever you desire. So, you can record broadcasts you'd miss, or have your stereo wake you up or put you to sleep.

With more and more cassette decks being timer-ready, DAK's new power controller is a great asset.

Plus, if you'd like to turn your system off or on from up to 25 feet away, there's an optional infrared remote.

I didn't include volume or mute because this controller is made to suppress noise going to your system, not add wires and noise within the 'sound loop'.

It's a perfect combination of convenience and protection for your stereo system. And, it fits right in. It's 17" wide, 1¾" tall and 12¾" deep. It's backed by DAK's standard limited warranty.

PROTECTION & CONVENIENCE RISK FREE

It's so easy to turn on my components. I love not worrying about noise. The timer lets me have total control. And, 6 extra 'protected' plugs are great.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your 6 outlet Stereo Power Controller with Spike Protection, 4 separate Line Filters, a Circuit Breaker and a 9' 3-wire grounded power cable risk free with your credit card, call toll free or send your check for DAK's noise silencing price of just **$79.90** ($6 P&H). Order No. 4832. For May delivery. CA res add tax.

If you'd like the identical controller/protector with an infrared On/Off remote, it's just **$89.90** ($6 P&H). Order No. 4833.

I love the convenience every day. I can now record with confidence. But, I'm most thrilled with the added protection for my cherished components.

2nd VCRs Are Best

Over 90% of DAK customers already own at least one VCR. So, here are 3 precision crafted, Japanese made, VCRs to add to, ease and enhance your viewing pleasure at PHENOMENAL KNOCK OUT PRICES!

By Drew Kaplan

Forget infrared remote control. Forget HQ enhanced picture recording. And forget cable ready.

VCRs have come a long way in the past few years. The above features are no longer 'extra' features. I wouldn't even look at a VCR that didn't have all three.

It's no big secret that with about 50% of the households in the U.S. owning VCRs, they have literally changed the way we Americans live our lives.

If you're like me, you end up being away from home during your favorite shows. Or, you may find two of your favorite shows are on opposite each other.

And, isn't it frustrating to have two shows on at 9PM and nothing on at 10?

Plus, it's especially frustrating to me to be home only two nights of a 3 night mini-series. Well, with just **one** VCR, all these, and a lot of other frustrations, can be eliminated.

TWO VCR HOUSEHOLD

Of course, we tape things that are on after we go to bed and while we're at work. And of course, we tape things that are on too late for our kids to watch.

But, lots of us are finding that one VCR isn't enough. Let me tell you why.

Since VCRs are cable ready, they turn any TV into a cable ready TV. So, if you're not getting cable channels on your bedroom or other TV, adding a VCR will make it cable ready.

And frankly, for as little as 199^{90}, why buy a new TV when you can get cable channels and a Japanese made VCR added to any of your current TVs?

And, these VCRs have random access channel tuning and the ability to switch from VCR to live TV from their infrared remote controls.

But, it's the VCR. Whether you want to watch movies or TV shows, you've already recorded, in the bedroom or kitchen, the ability to record two shows at once, or the ability to copy tapes, owning two VCRs makes a lot of sense.

Of course, any of these 3 VCRs make perfect main or first VCRs, so it's up to you whether you 'step up' or 'add on'.

You'll have 3 choices to suit your exact needs. From a super reliable VCR, to ON Screen super easy programming, to VHS HI FI that when connected to your stereo system, will provide theater quality sound that's sure to astound you.

Note: If you've been intimidated by the difficulty of programming VCRs to record, the new On Screen model eliminates all programming hassles. Here's one VCR you can basically program without even reading the instructions.

So, read on to decide whether you want a second deck for the bedroom, a programming wonder, or a dynamite step up to videophile excellence.

BASIC EXCELLENCE EXPANDED

(SEE PICTURE UPPER LEFT)

Well, it's hardly basic by any standards, but here's our knock out 199^{90} VCR that does just about anything you'll ever want a VCR to do.

It has 110 Channel Electronic Tuning. This recorder's synthesized tuner can tune in VHF channels 2-13 and UHF 14-83. Plus, you'll get 28 Mid-Band and High-Band Cable Channels.

And look at this. Infrared remote control isn't a luxury anymore, but I don't think you'll find many VCRs below the top of the line with random access of the 16 preset channels, from the remote.

From the moment you put a video cassette into the front loading motorized slot and see it automatically drawn into the recorder, you'll appreciate the quality.

MASSIVE PROGRAMMABILITY

You can select up to 8 programs over a three week period to record. And, you can select one program to record every day. If you can set an alarm clock, you can program this VCR to record.

Plus, there's One Touch Timed Record so if you're going out, you can instantly set the recorder to record for up to 4 hours.

BACK TO THE REMOTE

From system to power to forward and reverse high speed search, to still, to selecting the 16 preset channels, you're in full control.

You can touch the still frame button and freeze the action. You can play the same movement over and over again.

And best of all, you can high speed search through commercials. So, you can watch an hour show in about 45 minutes and stop the action whenever the phone rings. It's much better than watching live TV.

MUCH MORE

There's a digital clock/timer and even a tape counter. Of course, you can watch one program while you record another. And there's a picture sharpness control.

There are 3 recording and playback speeds for up to 8 full hours of recording. And finally, when a tape reaches the end, it will automatically rewind. It's hardly a 'basic' VCR I'm offering for just 199^{90}.

ON SCREEN, THE EASY LIFE

(SEE PICTURE UPPER RIGHT)

It's amazing. Just touch 'Program' on the remote control and your TV becomes your window on time setting.

Just touch the buttons as requested On Screen and you can effortlessly program up to 8 events over a 28 day period. I can't overemphasize how easy and how fast it is to program this VCR.

As you can see by the inset TV screen, you can even set the speed and whether you want to record from regular TV or cable, all from the remote. You simply don't have to figure anything out.

And there's more. You'll have 110 channel Cable Compatible TV tuning. And you can tune every one of the 110 channels with no need for presets from the remote control.

This is truly a unique VCR. There are 43 clearly marked functions you control from the remote. It's a phenomenal addition to any TV and a real 'steal' at my knock out 249^{90} price. Wow!

IT DOES IT ALL

It's a motorized front loading VCR with automatic end of cassette rewind. It has a clock/timer and tape counter.

And, you can watch one program while you record another. It has picture sharpness control. And, it records and plays in all 3 speeds. It receives all VHF 2-13, and UHF 14-83 plus Mid-Band Cable 14-36 and Sub-Band 95-99.

It has instant One Touch Time Record for up to 4 hours of recording without programming. **And, look at this.**

It also lets you have delayed One Touch Timer Record to record a single program up to 24 hours away.

And, it even has Automatic On playback. Plus, it has Repeat Play. So, you can have a cassette play over and over again.

This is an industrial feature, but it's also great at home if you have any of the mood video cassettes that simulate fish tanks or forest scenes. I love it.

The remote is awesome. It does everything from Power On, to High Speed Search to Still. It even has the days of the week for programming. This is an incredible VCR at any price. At my knock out $249⁹⁰, it's amazing.

AWESOME STEREO VIDEOPHILE
(SEE PICTURE BOTTOM)

VHS Stereo HiFi gives you an incredible 20hz to 20,00hz frequency response with an 80db dynamic range.

You'll experience the full sonic drama of movies that you rent, and add a superb audio tape deck to your stereo system that's capable of capturing the full sonic drama of CDs.

And, not only can you record or turn any TV into a Cable Compatible TV, you can receive **MTS Stereo TV broadcasts automatically. So, why replace a perfectly good TV just to get stereo?**

VHS HiFi uses the spinning video heads to record sound along with the video on the tape at speeds in excess of 200 inches per second. So, the sound quality is, to say the least, astounding.

Actually, there are 7 heads, 4 for the video, so you get slow motion and incredible special effects. It's great for ball games, watching magician's hands, and improving your golf swing.

There are two VHS HiFi spinning heads and a standard stationary audio head.

So, this recorder is compatible with all standard tapes. But, wait till you hear the sound. And, wait till you use this recorder for recording **audio only**, as part of your stereo system.

Using video cassettes, you can record audio only for the best recordings you've ever heard through your stereo system.

And look at this. With VHS tapes selling for under $5, you can record up to 6 hours of this incredible sound on one cassette **with or without a picture.**

THE BAD PART?

Connecting this VCR to your TV is done just like the previous two VCRs. It's simple. But, to utilize the VHS HiFi and Stereo TV tuning, you must also connect it to your stereo system.

Just connect the standard stereo patch cords (included) to any 'Aux' input.

So, the bad part is that if your TV and stereo aren't together, this incredible machine isn't for you. But, it always sends conventional TV sound to your TV.

139 Channel Electronic Stereo Tuning. You can select any 16 preset synthesized cable compatible channels by touching a direct access button on the remote. And, each is ready for stereo. It receives VHF 2-13, UHF 14-83, and cable 14-65 plus Cable Sub-Band 95-97.

WONDERFUL REMOTE CONTROL

From system power to forward and reverse high speed search, to still frame and **slow motion**, you're in full control.

You'll have 16 button random access remote control of channels. And, you can remotely switch between the VCR and live TV.

PROGRAMMABILITY TOO

You can select up to 4 programs over a two week period. And, you can select one program to record every day.

If you can set your alarm clock, you can program this VCR. It also has instant One Touch Timed Record.

LOADED

There's a digital clock/timer and a tape counter. Of course, you can watch one program while you record another. And, there's picture sharpness too.

There are 2 recording and 3 playback speeds. And, there's end of tape rewind.

Plus, you can receive Simulcast, SAP (Separate Audio Program) and there's a headphone jack. Tape loading is motorized. And there's a VHS HiFi Level meter.

So, for special effects, for 139 channel ***MTS Stereo*** Broadcasts, you'll be thrilled by this incredible top of the line VCR for just $399⁹⁰.

DON'T WASTE MONEY

All three decks are superbly reliable. Make your decision based on your needs. Decide if you want the thrill of stereo, the incredible ease of On Screen programming or simply a great VCR for any room in your home.

2ND OR 3RD VCRs FOR VIDEOPHILES RISK FREE

I love movies. And, my VCRs set me free from the shackles of network time slots. Whichever VCR you choose, each complete with HQ, Infrared Remote Control and Cable Compatibility; you're sure to be thrilled. They are all backed by Emerson's standard limited warranty.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order Emerson's 'Basic' (wow, what an understatement) (upper left) VCR risk free with your credit card, call toll free or send your check for DAK's incredible knock out price of just **$199⁹⁰** ($12 P&H). Order No. 4896. CA res add tax.

To order Emerson's On Screen Programming Wonder (upper right) VCR risk free with your credit card, call toll free or send your check for DAK's incredible knock out price of just **$249⁹⁰** ($12 P&H). Order No. 4897.

To order Emerson's MTS Stereo VHS HiFi (bottom) VCR risk free with your credit card, call toll free or send your check for DAK's incredible knock out price of just **$399⁹⁰** ($12 P&H). Order No. 4898.

I find that VCRs are an innovation that I just can't see how I ever lived without. And, with Emerson's quality and price, this is a perfect time to add a second or third VCR to your home.

DAK INDUSTRIES INC.
Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week
1-800-325-0800
For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information....1-800-272-3200
Any Other Inquiries.....1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304

$3 Rip-Offs Exposed?

Who says people can't make money with their computers? There are people downloading games, utilities and word processing programs for FREE from public bulletin boards, and then selling them to you for $3 to $6. Well, now you can get thousands of programs for your IBM PC, clone or other computer, mostly for FREE, plus help the American Cancer Society!

By Drew Kaplan

Get free programs yourself! If you own a computer, this may be the most important article you ever read.

Imagine printing 10 foot long banners, playing dozens of arcade style action and adventure video games (no joysticks required), using spreadsheet programs, typing labels automatically, speeding up the use of your computer and doing everything, from listing out text files to making DOS easy.

Well, there are over 2,000 numbers you can dial **right now**, and on many of them you will find hundreds of disks full of exciting 'Public Domain' software.

These are hobbyist boards. Most of the System Operators, or SysOps as they are called, operate these electronic bulletin boards for fun.

And, every SysOp I've spoken with loves to have new blood, and that's you.

You can leave messages, people sell things (not businesses), and there's a wealth of Public Domain software. Why is there Public Domain Software?

THE AMERICAN DREAM

Many computer engineers find that they have special needs and so they write sophisticated programs.

Since they aren't in business, they place these programs on bulletin boards for everyone to use. That way their name gets known and everyone benefits.

In other cases, programs are developed at universities or under government grants where sale is prohibited, so these too find their way onto the public domain bulletin boards.

Another class of programs called Freeware is released to the public for limited use. Along with the program is a request for contributions if you like the program.

It's totally up to you, but if you like the program and some guy spent 5 months writing it, usually sending him $10-$25 will get you an expanded version, some new documentation and his undying love and gratitude. But it's up to you.

Imagine programs that let you track your stocks, generate forms, play solitaire, golf or sail, make your computer into a piano (wow!), diagnose the speed and accuracy of your computer, rename and re-sort directories and a million more useful and fun programs.

BUT PEOPLE ARE MAKING MONEY

It's OK to copy these programs for yourself and you are actually encouraged to make copies for friends. This way the software really gets spread around.

But, there's a loophole that allows you to make and distribute copies and to **'recover distribution costs'**.

Well, now there are companies making money (by downloading free programs and selling them to you for $3 to $6) on the backs of these generous programmers who have actually done the work.

So, if you pay $3-$6, is it a rip-off, or is it still a good deal because the software is obviously worth many times the price? It's up to you to decide.

ENTER DAK

OK Martha, here's the catch. No, there's no catch. You don't have to buy 10 tapes or disks. You don't even have to buy a modem from DAK.

Of course, you'll need a modem, but you can even borrow a friend's and both benefit from the great software.

I started DAK as a hobby 22 years ago when I was a student at UCLA. And, I've tried to keep it a hobby ever since.

So here's what I'm going to do. I want you to have all the productivity, and yes fun, you can with your computer. So I've put together two packages so you can vastly broaden your computer's use.

I have a list of 2,000+ electronic bulletin boards. **AND,** I've packed a ton of the great programs from the bulletin boards for IBMs and clones onto two (2) disks, to show you a little of what you'll get in case you don't already have a modem.

AMERICAN CANCER SOCIETY

Unfortunately I can't afford to give you everything for free, but look at this. I'll send you the list of 2,000 electronic bulletin boards for **$2** ($1 P&H). Order No. 4888. And/Or two (2) disks full of programs for **$3** ($1 P&H) for both disks. Order No. 4889. Ca add tax.

DAK will donate to the American Cancer Society (I have a personal interest in their research) all proceeds from the sale of the List and Disks beyond the cost of producing and distributing them.

And what's more, the cost of this 'ad' will NOT be included in my costs. So, the disks, the duplication, the printing, the typing, packing and postage etc., will be subtracted and the rest will be donated.

Watch my next effort for a picture of the first check I donate.

URGENT, DON'T CALL DAK

I've set up a special P.O. BOX for this service. Send your order with checks only (no cash or credit cards) with the words 'LIST' and/or 'DISKS' to DAK, P.O. BOX 3045, Canoga Park, CA 91306.

Please, no phone orders or phone inquiries. All information must be handled through the P.O. BOX. Even if you order anything else from DAK, these items still **MUST** be ordered separately.

Computer Floodgates

You'll be deluged with free programs, instant information and incredible entertainment when you connect ADC's Hayes Compatible 1200 baud auto-answer/auto-dial modem to your computer, at a breakthrough price.

By Drew Kaplan

Get ready. If you're just using your computer for word processing or spread sheets, **boy**, have I got a surprise for you!

With a modem, you can dial any of the thousands of electronic bulletin boards across the country and download (I'll explain in a minute) programs that will literally knock your socks off.

And forget expensive long distance calls. With thousands of electronic bulletin boards, there are likely to be several right in your own area.

FREE FREE FREE FREE

I just printed out a 10' banner for my son's birthday. The program prints on **any** printer, daisy wheel, dot matrix or ink jet. Wow, and it was free.

I'm really enjoying three action video games. In Striker, a helicopter game, I have to pass through enemy territory to recover my spies, get supplies and more. I haven't won yet. In Beasts, I keep getting eaten, and in Pango, well, it's arcade action at its best.

I've designed forms using a form program. I've compared my Visual Computer's speed to a true PC (100%), and an AT Clone came in over 600% faster.

If you're like me, whenever you type a DOS command and make a mistake you get frustrated.

Well, there's a program that not only remembers your last few entries, it lets you use the up arrow to retrieve them and you can **edit** them without retyping the entire line. Great!

There's a program that turns the entire face of my monitor into a clock, and another program that just puts the time in the upper right hand corner.

How about a word processing program with spell check and all the refinements you'd expect for hundreds of dollars? Well, it's free too.

What you're reading about is the wonderful world of Public Domain Software. From File Utilities to Diagnostic and De-Bugging to Multi-Tasking, you'll find thousands of programs to experiment with.

From C compiling to artificial intelligence language, you'll have a wealth of knowledge. There are even programs that let your computer talk or play music.

PHONE LINE BLUES

So, you don't have a spare phone line? Don't worry. You can use your regular phone line. You won't hurt it, and who wants to talk on the phone when you're using your modem anyway?

GIVE A MAN A FISH

Please forgive me. I'm not invoking the Bible to sell you a modem. But, truth is truth. You can buy most of the programs you'll find, but that requires someone to sell you a fish each day.

With a modem you can fish forever, so you'll continue to quench your thirst for knowledge and entertainment forever.

And, you won't be alone. Enclosed with your modem will be step by step instructions on how to use the bulletin boards.

So, don't be shy. Get your feet wet. Everyone is friendly and glad to help once you're on-line.

HAVE I LOST YOU YET?

First, I may have hit you with some

. . .Next Page Please

. . .Computer Floodgates Continued 'Jargon' that isn't familiar. Well have no fear. Everything will be explained with your modem, but look at this.

I've referred to an electronic bulletin board. It's really complicated and you'd probably never understand what it is.

Wrong! An Electronic Bulletin board is nothing more than a computer, just like the one you probably own, hooked to an auto-answer modem like ADC's.

Instead of word processing software, you run a bulletin board program and have lots of storage capacity. Simple?

I mentioned downloading. Well, it's simply like bringing up a program from your own floppy or hard disk.

All you do is use your modem to connect you to the bulletin board and then when you download, you're bringing a file from the bulletin board's hard disk to your own computer. The distance may be great, but the principal is identical.

You'll find information about virtually any subject that interests you. If you're into butterflies, why look through every nature magazine in the library. Just access the word Butterfly, to read every article.

Wow, no flipping through pages and books. The computer finds it all.

ARE YOU GETTING THE MESSAGE?

For stamps, coins, soccer, football, American Indians, chocolate, coffee, mortgages, banking, ulcers, steel production and more, the information is instantly available.

PAY PAY PAY PAY

No, it's not all free. There's lots of information that you can buy. It's like an electronic bookstore. And, it's great.

OK, I'm aggressive. You can see it in my challenges. And, my friends will tell you I'm definitely a 'Type A' personality.

Well, when I buy stocks, I want to know about the company. And frankly, I get frustrated. I want to invest NOW, and it takes days or even weeks for me to get 10K reports so I can get the inside information and history I need.

Well, now I can get the inside information instantly by using my modem. I can get the Company profile, SEC filings, officers' names and ownership. So, I can check out companies that I do business with or that compete with me.

Well, with a modem, you can instantly read and download complete information on over 9,000 public companies.

You'll find forecasts of sales, including product mix. And, you'll even find officers' salaries. What a killer edge you'll have when you do business or invest!

SO MUCH MORE

If you write, you can send your copy by modem directly to typesetters. Want a date? There are matchmaking bulletin boards. What fun. Most of these boards seem to be free. But, some are X rated.

So, there's no limit to the information and enjoyment that your computer and modem can bring to you. Now let's look at ADC's incredible 1200 baud modem.

THE MODEM

I call it the 1200 Baud Smart Duck. Because, **IF** it walks like a duck, sounds like a duck, and looks like a duck, it darn well better act like a duck. And, ADC's new Hayes Compatible 1200 baud auto-answer/auto-dial modem is a great duck.

Hats off to Hayes. They've just about written the book on specs and protocol for the 1200 baud modem market.

Every professional modem bills itself as 'Hayes Compatible'. **But the big question is, how much does it really cost to make a top-of-the-line 1200 baud modem?** Or, who's getting rich?

For DAK's new breakthrough price of just $119.90, you'll not only be getting a duck that quacks properly to Hayes modems, but sings like a nightingale to your pocketbook. It can save you a fortune in time with its extra features.

DUCK SOUP

Any computer with an RS232 standard serial port, will work flawlessly with this powerful automated modem.

I've owned a Hayes 1200 baud modem for about 4 years. I just unplugged it and plugged in ADC's to operate my Hewlett-Packard dumb terminal which I use at home to monitor DAK's computer.

The only differences I noted were improved monitor sound, more screen displays and a help menu. And, oh yes, one last extra. I use a few local data bases whose phone lines are always busy.

Well, ADC's intelligent modem recognizes a busy signal, hangs up and keeps retrying the number every 30 seconds.

There are less important (to me) extras like day, date and time, an extra phone jack and auto tone/pulse switching.

1200 BAUD POWER

The ADC Modem will communicate at 1200 baud (about 120 characters per second) or 300 baud (about 30 characters per second) automatically, depending on the link at the other end.

It comes with a modular phone cord that you simply connect to any standard modular jack. And, it uses standard Bell 103 and 212A protocols. (Don't worry.) It operates in half or full duplex.

Its built-in microprocessors let you automatically answer in-coming (auto-answer) calls & act on all Hayes commands.

It even waits for dial tones and phone network tones during auto-dial. The modem is 9½" X 5½" X 2". It's backed by ADC's standard 1 year limited warranty.

HOOKING IT UP MADE EASY

All you need is a serial output, a cable and a modem program. **Use your own for any computer. Or you can use ours for the computers below.** All our modem programs on disk let you save, upload and download files. Look how easy it is.

If you own an IBM PC or a Clone, usually you'll find an RS232 serial port already built-in. All you need is our cable and modem program on disk, which we've packaged together for just **$14.90** ($3 P&H). But, before you order your cable, you may need a short sex education course.

Sex Education 1A. You need to determine whether your computer's RS232 connector is male or female.

If you look at the picture above, you'll note that ADC's RS232 Modem connector has holes going in. It's a female. If it had copper pins sticking out, it would be a male. Now wasn't that simple?

So, if yours is female, order our male cable and modem program Or. No. 4353. If you have male pins sticking out, order our female cable, Order No. 4354.

For your Apple IIC, your serial interface is built-in. All you need is our cable and modem program on disk. They are just **$14.90** ($3 P&H). Order No. 4356.

For your Apple IIE, you'll need a serial interface with an RS232 port, a cable and a modem program. It's all yours for just **$69** ($4 P&H). Order No. 4357.

1200 BAUD SMART DUCK RISK FREE

For business or pleasure, you'll communicate, gather information and save time. If you aren't 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To Order Your ADC 1200 Baud Intelligent Auto-Answer, Auto-Dial Modem risk free with your credit card, call toll free or send your check for DAK's market busting price of just **$119.90** plus **$6** P&H. Order No. 4334. CA res add tax.

Super Bonus: Now you can try a Pay Data Base for Free. CompuServe's $39 (we sold it separately for $24) complete kit includes $25 worth of on-line time (they charge about $6.25 per hour) is yours free with ADC's modem. Wow!

It is said that knowledge is king. With the information you can acquire through this modem, you'll have the informational power of 10 kings. And, you'll have a full range of entertainment thrown in as an extra bonus.

Hayes, IBM, and Apple IIE & IIC are registered trademarks of Hayes Microcomputer Products, International Business Machines and Apple Computer.

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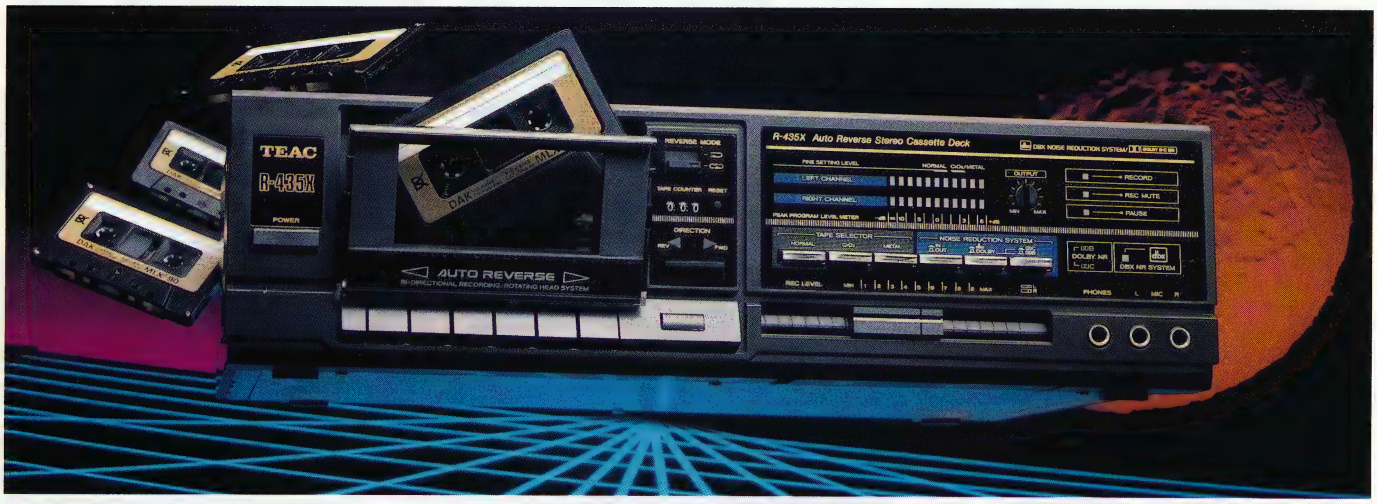


Stealth Bomber Plus

The Pentagon may pay billions for the new Stealth Bomber that flies automatically and is invisible to enemy radar. But, you can have Teac's Stealth Reversing Automated Cassette Deck with dbx that can even record the full 105db dynamic range of CDs at an incredible breakthrough price.

Stealth's invisible. Enemy radar can't see it. And, it's the newest electronic marvel to come off the drawing board.

Now, you may be thinking that there's not much in common between a Stealth Bomber and an auto reversing recording and playing cassette deck.

After all, a Stealth Bomber sure can't fly backward. But wait before you decide.

This automated, auto reverse deck has a 'radar avoidance system' called dbx. No, it's not an MX missile. But, if the Stealth Bomber is invisible to radar, wait till you hear how 'invisible' tape hiss will become to your ears with this dbx deck.

RADAR AVOIDANCE PLUS

The sound quality, and yes, the sonic violence will thrill you. The only equal to this sound is 'live sound'.

There is absolutely no hiss, no scratch, and best of all, no surface noise.

You've got to experience the silence during very quiet passages to comprehend the sonic adventure of the music.

Conventional records and tapes have a dynamic range of perhaps 50db. Dynamic range is very simply the difference in sound level (volume) between the softest and loudest recorded sounds.

CDs and dbx can give you 105db of dynamic range, which is roughly equivalent to the difference between absolute silence and standing next to a jet engine.

Of course it has other 'radar avoidance' in the form of Dolby B & C, but dbx does much more than noise reduction.

When you record using dbx, this deck gives you a 90db signal to noise ratio and an amazing 105db dynamic range. This is one of the few decks that can copy the brilliant impact of CD discs.

AUTOMATIC PILOT PLUS

The Stealth similarity doesn't end at 'radar avoidance'. While the Bomber controls are still top secret, I can tell you a lot about this deck's controls.

From the first button you touch, you'll appreciate this deck's superb stability. A precise DC servo controlled motor drives the dual capstans for low flutter and wow.

With record mute, you'll have clean intros and exits to your recordings. And, what recordings you'll get!

You'll make perfect recordings on **both** sides of your cassettes without stopping. This deck automatically records in both directions. And, when you use the linear input level controls and sensitive peak reading LED VU meters, you'll easily make flawless recordings.

WRONG WAY CORRIGAN

This autopilot can take you backwards, forwards or around the world again. You can play and record in both directions.

And finally, without even worrying about refueling, you can have your music totally uninterrupted.

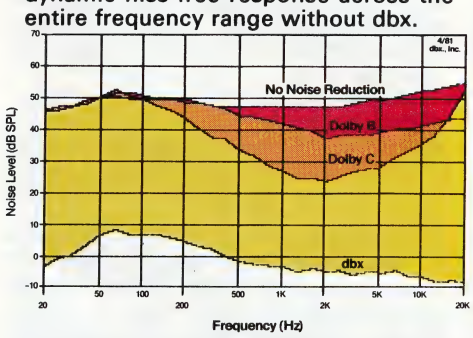
You can play either side of the cassette or repeat the entire cassette, over and over again for continuous music. This is the feature that gives you a day, or an evening of uninterrupted music.

Now you only need to get up to change cassettes when you feel like it, not when the cassette ends. It's the best way to enjoy your music, your way.

BUT IT'S THE dbx

While dbx is the ultimate noise reduction system, complete with its vibrant 105db dynamic range, this deck also lets you record and play with Dolby B and C.

But, you just can't get the full-range dynamic hiss free response across the entire frequency range without dbx.



This graph supplied by dbx clearly shows just how good recording with dbx can be. You can easily test the day and night difference for yourself. The test is described in the next column.

The graph above says it all. dbx will give you cassette recordings that are virtually free from surface noise across the entire frequency range, not just the highs.

Plus, you'll have the incredible vibrance of 105db dynamic range. **With this deck, you're ready for CD or any possible recording need.**

Dolby C will give you a 70db signal to noise ratio. There are Left/Right Mike inputs as well as a headphone output.

And, look at this: There's an output level control that lets you perfectly match the output of this deck to the other components in your system.

Plus, you can control the headphone volume. This is the type of added extra attention to detail and quality that makes Teac decks stand out from the pack.

You'll have a conservative frequency response of 30-17,000hz with CrO^2 and Metal, and 30-16,000hz with normal bias tapes. It's a top quality deck. And, it's backed by Teac's limited warranty.

TRY REVERSING STEALTH RISK FREE

Set your tape counter at 000. Record some blank tape with no input and without noise reduction. At 020, switch in the Dolby B. At 040 switch in Dolby C. At 060, switch in dbx. Then play it back.

You're sure to be astounded. It's a great deck for a lot of reasons. But dbx makes it phenomenal. If you aren't 100% satisfied, simply return it within 30 days in its original box to DAK for a refund.

To order your Teac Stealth Auto Reverse Cassette Deck with Dolby B, Dolby C and dbx risk free with your credit card, call toll free, or send your check for DAK's blockbuster price of just **$149.90** ($7 P&H). Order No. 4737. CA res add tax.

The Stealth Bomber is still on the drawing board. And don't forget, it still won't fly backwards. But, you can get your own Stealth Deck and be ready to record CDs, live music or just fabulous sounding copies of records.

Of course, the bomber may be able to fly around the planet in the picture above, but the deck can only make it ring with thrilling music.

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8200 Remmet Ave., Canoga Park, CA 91304

Sound Barrier Streaker

You'll streak through the heavens of disbelief the first time you put on the earphones or connect this AC/DC programmable CD player to your* stereo system. *At home or away, your music will explode with 5hz to 20,000hz life. Everything is included for just $169.90.

By Drew Kaplan

There's no warning. There's no record noise, no tape hiss. Vibrant but finely detailed music just explodes from your earphones and stereo system.

Citizen's 3-Beam Laser Servo CD is as at home, plugged into our stereo system (AC and patch cord included), as it is on the move with you (battery case, shoulder strap and earphones included).

The sound is like a shock wave reverberating through your home. It's like the blazing flash and violence released by a lightning bolt as it streaks to the earth. This is the experience you can expect when you first hear digital audio sound.

Forget any experience you've ever had before with stereo. CD audio is an awesome advance that dwarfs the switch we made years ago from 78s to LPs.

Imagine listening to music with a frequency response from 5hz to 20,000hz. And, flutter and wow is "unmeasurable".

The sound quality, and yes, the sonic violence will thrill you. I've spent over 15 years on the test bench and in the studios, and the only equal I've heard to this sound is 'live sound'.

And, live sound doesn't mean the sound you hear at a concert where you are simply listening to the auditorium's PA system. Llve sound means sitting right in the middle of the orchestra.

I know, I'm a cellist. And, there's just no sound experience like the sound we hear in 'the pit'.

BUT WHY A PORTABLE?

Forget conventional audio components. CD players are computers. There's no reason a portable can't be 100% equal to a 'sit-on-the-shelf' CD. It uses the same heavy over-sampling. It uses the same type of 16 bit linear digital to analog converters. And, it could be smaller if it didn't have to accommodate the CD disc.

Since CDs are new, a portable lets you make the most out of your collection.

You can simply plug it into different stereos in different rooms, or take it with you wherever you go.

It's just 5" X 5" X 1¼". And It comes complete with all the accessories you will need (pictured to the right). Just program up to 16 selections and prepare for a sonic adventure.

NO SOUND AT ALL

CD gives you a signal to noise ratio of 90db. There is, for all intents and purposes, absolutely no hiss, no scratch, and best of all, no surface noise.

You've got to experience the silence during very quiet passages to comprehend the sonic adventure of the music. It's as if your stereo wasn't even on, and then suddenly, a thunderclap explodes!

Conventional records and tapes have a dynamic range of perhaps 50 db. Dynamic range is simply the difference in sound level (volume) between the softest and loudest recorded sounds.

CD gives you a 90db dynamic range, which is roughly equivalent to the difference between absolute silence and standing next to a jet engine.

Your music will be dramatically more exciting. You won't have to carefully compare CD to conventional sound. From the very first note, you'll be in shock.

ROARING ON

This Japanese made, 3-beam, laser servo system with heavy sampling, supplies superb sound. Plus, it's loaded.

You can select up to 16 tracks **in any order you like**. There's even a repeat pad. So, you can **repeat selected tracks** or the entire disc, forever.

Just touch a pad and you can skip to the next track during play, or repeat the track you are listening to.

An LCD display shows you the track that is playing, the elapsed time, or the total time of the disc.

To use it on the move, just drop 4 AA batteries into its included battery pack, slide in the CD, put the shoulder strap over your shoulder and the earphones into your ears, for a sonic odyssey.

Installation at home consists of simply plugging the included patch cord into any 'Aux' input in your stereo system and plugging in the AC adaptor.

Whether this programmable CD becomes a permanent part of your stereo system or moves with you, **or both**, you'll enjoy awesome sound at incredibly less than an awesome price. It's backed by Citizen's standard limited warranty.

A SONIC SOUND STREAKER RISK FREE

Experience music with a thrilling frequency response and sonic range. Plus, you'll be thrilled by the hiss and background noise you won't hear.

If you're not 100% satisfied, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Citizen's Top Of The Line Portable and Home AC/DC Compact Disc Player with 16 program capability, complete with Battery Case, Strap, AC adaptor, Earphones, and Stereo System Cable risk free with your credit card, call toll free, or send your check for DAK's Sound Streaking price of just **$169.90** ($4 P&H). Order No. 4703. CA res add tax.

It may strain my credibility to describe any device, let alone a portable that I'm offering for only $169.90, as providing sound many times better than anything you've ever heard before. But, use DAK's risk free trial to experience this bigger than life sound for yourself.

And, CDs are really tough. Take them with you and enjoy dramatically alive sound virtually anywhere you go.

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Beardroid Phone

Now you can own a robot creature that moves and talks just like you'd see at an amusement park. Get ready to interact with a Beardroid at home, at the office, or whenever you talk on the phone.

By Drew Kaplan

Forget cute. Forget cuddly. While this is certainly the cutest most cuddly bear phone I've ever seen, DAK was chosen to introduce him, not because he's cute, but because of the **sophisticated technology** that makes him robotic.

Yes, he's a hands free speakerphone. And, his new, advanced speakerphone capabilities rival his robotics.

But, before we explore why he can sound better than an industrial office speakerphone, let's see why he's so much more than a 'talking bear phone'.

VOICE ANIMATED

First a warning. If you're a really serious person, this animated phone isn't for you. Oh, not because the sound or features aren't perfect, because they are. But frankly, he's really distracting.

I simply can't carry on a serious business conversation with an animated talking bear. Let me tell you why.

When you're on the phone, you can talk and the Beardroid simply listens.

But, whatever the person at the other end of the line says is lip-synced by Beardroid. His mouth 'mouths' each syllable of each word as it's spoken to you.

Just imagine sitting in your corporate boardroom, negotiating a big deal while this bear's muzzle 'mouths' out the words.

Frankly, whoever you're listening to looks hysterically funny. And they look funny, but sound great in your den, kitchen, bedroom (hands free is great) or office.

K.C. Beardroid (we call him K.C.) doesn't just open and close his mouth. Both his mouth and eye movements are synchronized to the voice coming over the line. He can chew gum. He can yawn. He can 'mouth' each word as it's spoken.

K.C.'s movements appear so accurate to me that I'd love to have someone who can read lips try him out.

And, as I said above, if you think you can carry on a serious conversation while this adorable bear 'mouths' the incoming words, you're in for a real challenge.

But, you won't be in for a challenge understanding or talking on this remarkable phone. It's made by TeleConcepts, a company well respected for its industrial telecommunication products.

The truth is that the speakerphone developed for Beardroid is so advanced that it's going to be used in their industrial phones. It's lightning fast simplex, so there's no echo and no delay.

And, in addition to his incomparable hands free speakerphone which will let you roam around the room while you talk on the phone, he's loaded with features.

By the way, you won't want to roam too far. K.C. is soft and cuddly, and very plush. He is really happy sitting in your lap while you talk on the phone or when you just want a 'warm fuzzy' to hold.

You'll have Tone/Pulse switching, True Hold, so you can pick up your call in another room, and Last Number Redial.

BUT IT'S THE ROBOTICS

K.C. reacts to the exact sounds coming over the phone line, and his mouth moves in reaction to the pronunciation based on volume and frequency.

So, his movement is totally different for the word 'Hello' than for the word 'Good Bear', and so on throughout the entire English Language. As a matter of fact, K.C. is so smart that we've had him speaking in 4 foreign languages. But, I don't think his French is very good.

I wish I could show you a video of his 'cuteness' in action, but look above in the main picture and you can see a multiple exposure side view of his mouth in actual conversation. (By the way, the phone he's talking on isn't included.)

He's 14" tall, sitting, and he's powered by 4 D cell batteries (not included). He simply plugs into any standard modular phone jack. There's a Hi/Lo/Off ringer.

He's backed by TeleConcepts standard limited warranty. (They have a K.C. Health Care Clinic, really.)

ANIMATE YOUR CONVERSATIONS RISK FREE

I don't market cute. I'm a technology junkie. But I don't carry non-productive gadgets. K.C. Beardroid is a superb speakerphone with all the extras. And, everyone at DAK is lined up outside my office trying to steal my sample (I love this bear).

If you're not 100% enchanted with K.C.'s antics or with his superb sound quality, simply reject him (he may cry), and return him within 30 days in his original home (box) to DAK for a refund.

To snuggle up to (order) your TeleConcepts K.C. Beardroid Phone with Animated Mouth/Muzzle and Eyes, and superb full featured Hands Free speakerphone risk free with your credit card, call toll free or send your check for just ~~$129.90~~ ($6 P&H). Order No. 4497.

An AC adaptor for K.C. is just **$9.90** ($1 P&H). Order No. 4824. CA res add tax.

Talking about a 'conversation piece', K.C. will make every phone call an event.

PRICE SLASHED NOW JUST $99.90

Use Order No. 4497. Plus ($6 P&H)

Everyone who sees K.C. in person wants one. I'm thrilled to have negotiated a superb new price. What a gift!

Bold Presentations

Unleash the dramatic presentation power of your IBM PC or Clone, with Quadram's 7-Color Ink Jet Printer. You'll produce attention grabbing professional graphs, charts, and drawings with the complete ADDED software DAK has put together. It connects instantly. And, you get EVERYTHING, a $1201.90 value, for just $499. WOW!

- **Quadram's $495 Color Ink Jet Printer**
- **DRI's New $299 Gem Draw Plus**
- **Softkey's $149 Keychart**
- **Savtek's $89.90 Desktop Publishing**
- **DAK's $49.90 DAKGraf**
- **Logitech's $119 LogiMouse Plus**

By Drew Kaplan

Let your ideas explode in front of your readers. Demonstrate what you want to say with dramatic charts, graphs, pictures and even technical illustrations.

If you're like me, columns of numbers are boring. Now you can effortlessly produce sophisticated, multicolor graphs and charts that will rivet your reader's attention to your presentation.

Turn your thoughts, calculations or sales results into a profusion of color that simply can't be ignored.

This Quadram 7-Color, virtually silent, ink jet printer, and all the software **I have added**, will let you make your most complex concepts easy to understand.

And, it will present your easy to understand numerical data and/or visual concepts in an incredibly impressive manner.

WHAT YOU NEED

You'll need an IBM PC, XT, AT or Clone with 256K of RAM, except for Gem Draw Plus which requires at least 384K. You need two floppy disk drives or a floppy and a hard disk.

And, all these programs require only standard IBM CGA Graphics (EGA is great of course). Plus, you don't even need a color monitor to use them.

WHAT IS INK JET PRINTING?

In a few minutes you'll learn how easy it is to instantly create multicolor Pie, Line and Bar Charts with DAKGraf. With Keychart you can quickly create sophisticated Hi/Low Stock market Charts, Scatter Charts, Exploded Pie Charts and a myriad of presentation charts from easy to follow menus.

If you want to Paint, you can create all types of dramatic pictures and text automatically with Savtek's Desktop Publishing Software.

And finally, Digital Research's new Gem Draw Plus lets you create the most sophisticated drawings ever. It is object oriented so you can even lay shapes on top of one another and then move them, expand them, reduce them or copy them.

Plus, I've included Logitech's C7 Serial Mouse with Plus Software. So, not only can you use this mouse for creating drawings, just wait till you use it for Lotus or any other mouse supporting programs.

Logitech says that the Plus Software with this mouse can increase the productivity of even the most experienced 1-2-3 user by up to 30%.

In virtually every computer magazine I see, Logitech sells this mouse direct for $119. Wait till you see all it can do for your productivity.

But, let's look at the printer. It simply plugs into the parallel output of your computer. And, don't worry about replacing your printer.

I've got an inexpensive option that lets you switch from your regular printer to this silent 7-color ink jet printer with the push of a button.

Anyway, speaking of 7 colors, let me tell you what they are and how easy they are to use. First, there are no messy ink trays or bottles. The ink is supplied in 2 sealed, plug-in plastic packs **(Included)**.

One pack supplies 4,000,000 characters of black. The second pack supplies 3,000,000 characters of yellow, blue (cyan), and red (magenta).

These are the industry standard basic colors. The other colors are obtained by the printer using two colors at once.

So, you'll print in black, yellow, red, blue, green (yellow and blue), orange (yellow and red) and purple (blue and red). You'll simply have to see the colors to see how really vibrant they are.

And speaking of vibrant, if they aren't sharp, they aren't vibrant. And, this printer can lay down 640 single dots per line at a speed of 2600 dots per second.

You'll create incredibly sharp detail, even in multicolors. Just look at the main picture above to get a minuscule idea of what this printer is capable of producing.

You can produce your graphs, pictures, drawings, or text (of course it has a full ASC11 character set, plus enlarged type) on just about any material you choose, from letterhead, to plain paper, to roll paper, to overhead transparencies.

Quadram's printer has all the expected features, including Line Feed, Form Feed, paper error/end and two self-test modes. But basically, it's control free.

Just plug it in, put in the paper and print! It's virtually maintenance free because the ink jets are self cleaning.

As you'll see from the following software, there's almost no limit to the presentations you can create with this printer.

And please note: I went to 5 separate companies to gather this software and mouse. This isn't cheap bundled software.

Just price Gem Draw Plus at $299 and the Logitech Mouse at $119 at any computer store, and you'll see just what an incredible value this system is.

We had to guarantee not to sell the

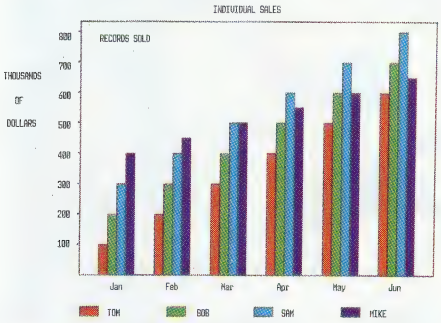
. . .Next Page Please

. . .Presentations Continued software separately and we had it shipped to us without the normal fancy retail decorative binder/boxes.

Note: I understand that Keychart was once sold with Quadram's printer, but we bought it direct from Softkey.

Anyway, other than the boxes, you get the same complete programs. There are drivers for dozens of other printers, every word in every manual is included, and every part of each program is included.

Now, let's take a look at all the things you can do. If you're already familiar with any of the software, you'll know that the following descriptions are simply the tip of the iceberg of the presentation graphics resources that you'll command.



$49.90 DAKGRAF

Now you can create powerful, vibrantly colored graphs that really get your meaning across. You'll be producing graphs in seconds. I find it easier to spot trends with a graph than with a spreadsheet.

Let's make a simple one element graph. Just enter up to 12 numerical values (called observations). Then touch G. Then select a Pie, Line or Bar graph.

Instantly you'll see a full preview of your graph. But, there's lots more.

If you touch ESC, you can re-select another type of graph and it will instantly appear, using your existing data. So, you can choose the type of graph you want.

Anyway, if you've selected Line or Bar charts, the tick marks and values (called scaling) that you see on the left side of most graphs, can be added automatically.

Across the bottom of your chart, you're going to want to assign names to the 12 observation points we've chosen.

The names may be people, things or months. Just touch ALT M, and the Months will appear automatically. Finally, you can add or move floating captions.

Pie charts are also very easy. When the pie chart prints out, it can either show the actual number beside each slice or the percentage of the whole.

So far, we've made a simple one element graph. But for Line and Bar charts, you can have 4 elements. So, at each observation, you'll have up to 4 different colored bars or lines. You can compare profits, costs, sales and salaries.

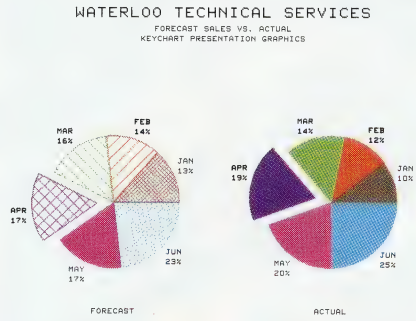
Below the graph, a box with the appropriate color is printed. Just type a title next to it to identify each line or bar.

Of course, you can save your graph. You can recall it and change it. You can even change it from a bar, to a line, to a pie, in any order you like. And, you'll be running this program faster than it took to read this description.

When you print out your color graphs, you can choose from 4 different sizes.

$149 KEYCHART

Here's the ultimate charting presentation program. It can run circles around the DAKGraf. Not only can you create regular charts, you can explode pie slices and print in any of 7 different hatch designs in addition to the 7 colors.



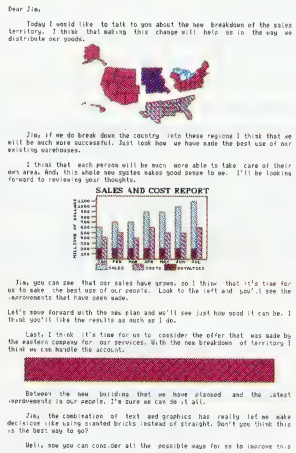
But simple Pie Line and Bar charts are too easy for this program. It's very easy to use and completely menu driven.

In addition to being able to preview your graphs on screen, you can even edit your chart's size, location or you name it. Look at all the charts you can produce.

You can make Bar Charts, Clustered Bar Charts, Stacked Bar Charts, Horizontal Bar Charts, Line Charts, Combination Bar and Line Charts, Pie Charts, Multiple Slice Exploded Pie Charts, Scatter Plots, Combination Line and Symbol Charts, X-Y Charts (Business & Scientific Formats), High-Low-Close-Open and Volume Stock Charts, Area Fill Charts, Regression Analysis Charts, Log-Log and Semi-Log charts, Text Plots, Combination Chart and Text Plots.

All these charts may look complicated, but they are really easy to use. There's a standard template menu and all you do is fill in the blanks.

And look at this. You can import electronic spreadsheet information from programs such as Lotus®, MultiPlan®, SuperCalc®, VisiCalc® and more. So, you can fill in the blanks or import the data.



$89.90 DESKTOP PUBLISHING

Savtek's Desktop Publishing program is incredibly easy to use. It's an integrated text and graphics program.

So, you can combine your text and pictures on the same page, but not on the same line.

Let me tell you about the paint program. It is absolutely a dream to use. It comes with over 100 predrawn pictures, but creating your own is easy.

And, if you're not an artist, don't worry, everything is automated. It uses the arrow keys to draw. It's very fast and you'll be amazed at how easy it is to use.

You can draw lines in any of 12 different width/styles. And, you can instantly erase them with the Eraser function.

If you don't want a line, use Haze. It's like using a spray can. It lightly mists the area you move over. The more you go back over an area, the more dense it becomes. It's great for shadows and fill.

Want a straight line? Just choose two points and 'Line' will do the rest.

What if you want a circle? Just touch the return key. Then use the diagonal arrow key to enlarge or reduce the circle. If you use the up/down or right/left arrows, you'll get an ellipse.

In the same way, you can create squares, rectangles or triangles. And you'll be amazed how many things, from houses to technical drawings, are made up of squares, rectangles, circles and triangles.

Now lets have some fun. This program is incredibly powerful. Let's say you've created a square. You can pick it up and move it anywhere on the screen that you wish by using 'Move'.

Let's say you really like your square. Use 'Copy', and you can make as many copies as you like. And you can place each copy wherever you like. This is really great for organization charts or anything where you need repetitive shapes.

But, we're not even close to being finished. What if you don't like the size of what you've drawn?

'Vary Size' lets you enlarge or reduce any object on the screen. You can even stretch it out or make it tall and skinny. I streched out a map of the United States.

And, there's still more. You can juggle a drawing on the screen. You can turn it over, around or sideways.

Finally, you can Zoom in on a section and 'operate' on it pixel by pixel for infinite control of each dot.

OK, now for some thoughts on color. There are 32 different fill patterns. You can see them in the main picture next to my map of the United States. Each of these patterns can be altered.

You can create your own patterns. So, you can make your logo, happy faces or you name it. Whatever you choose, you can automatically fill in any closed area.

This program will allow you to paint in 3 colors at a time. You can draw in black, blue and red, or yellow, blue and red.

You can also form patterns that are combinations of the colors for even more variation. There's also a provision for full size and half size picture printing.

My favorite part. OK, I'm not the world's greatest artist and I make mistakes (lots of them). There's an UNDO command. Whenever I mess up, I just touch UNDO, and my last action is instantly undone.

Finally, there are 12 font/sizes so that you can have headlines, titles or text within any of your drawings.

And, each of the 12 font/sizes can be shown on the screen and printed normally, in bold, in italic, in outline, or in shadow. Plus, you can write normally across the page, up the page, down the page or even upside down.

This is an incredible program. And, don't forget, you can integrate the pictures into its sophisticated word pro-

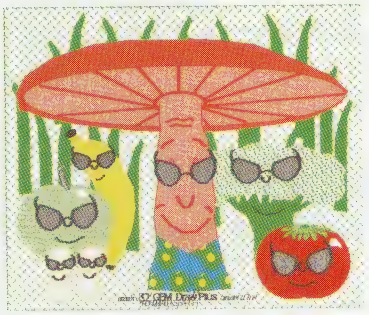
. . .Next Page Please

. . .Presentations Continued

cessing program instantly.

$299 GEM DRAW PLUS

Now, let's get really serious. While Savtek's paint program is superb, I think Gem Draw Plus is the most sophisticated drawing program in the industry.



Its power is virtually unbelievable. Making squares, rectangles, circles, arcs, and polygons, are mere child's play.

Expanding, shrinking or copying elements of your picture is accomplished with the click of a mouse (more later).

You can draw with up to 16 colors (this printer will print 8 including white). Each color is numbered for use on non-color monitors.

And, you can use 35 fill patterns. And each can be used with any color.

Gem Draw Plus is 'object oriented' rather than pixel or 'screen' oriented. It understands what you want to create, so it keeps the components (It calls them 'elements') separated in its memory.

So, for example, if you overlay a circle with a square, they mix on the screen, but not in the memory.

You can put one behind the other and then switch them. This program never forgets the objects you're working with.

If you design a house, you may make a toilet. Then you may make 10 copies. Later you may want to make them smaller.

Just gather them all together into a 'group', reduce them, and then 'ungroup' them and put them back wherever you want. It's great for architects, engineers or designers.

It's particularly strong for finance, manufacturing and higher education. Of course, you can draw sophisticated pictures just for fun. But, whatever you draw will be technically perfect.

And perfect is an understatement. Look at all the ways you can align the elements of your picture with just the click of the mouse. You can: Put In Front, Put In Back, Make Group, Break Group, Align Left, Align Center, Align Right, Align Top, Align Middle, Align Bottom, Page Center, and Even Spacing. Wow, all this is from just one pull down menu.

The Make Group and Break Group is incredible. If you've created a number of parts to your picture, a single command lets you combine them so you can do something to as many of them as you've chosen. Or, you can separate elements and act on each individually.

The list of drawing aids goes on and on, including auto-grid, and I certainly can't cover them all here. But look.

Let's say that last week you created a drawing. It could be an electrical schematic, an organization chart, or a forest full of trees. Now you want to create a new drawing. But, you want to 'pick up' some of the parts of your old drawing.

After all, the best part of computers is that you never have to do the same work twice. Well, Gem Draw Plus allows you to bring up two separate screens at one time. So, for example, you can have your new picture on the left and the old picture on the right side of the screen.

OK, now it gets exciting. You can 'drag' an element from your old picture across the screen into your new picture.

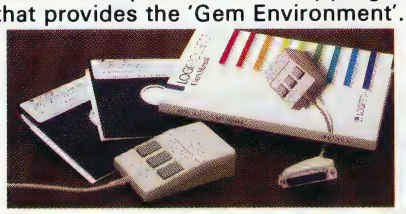
Wow, so if you do repetitive types of work, you can instantly pick up parts from old pictures to save yourself time.

Of course, you can alter the element you've moved just as if you'd just drawn it. And, you can move something you've just drawn back to the old picture.

Gem Draw Plus gives you incredible power. And its graphics are especially compatible with Ventura® Publisher.

There are multiple line sizes with choices such as arrows, straight or rounded endings. There are different size fonts, of course. There's a library of artwork and there's a Shadow Command that gives any object a 3-dimensional look.

Gem Draw Plus comes complete with GEM Desktop which is a utility program that provides the 'Gem Environment'.



$119 LOGIMOUSE PLUS SOFTWARE

It's keyboard freedom when you plug Logitech's C7 serial mouse into your RS232 serial port. I've included it because it makes Gem Draw Plus so easy to use. But, you'll use it all the time.

Just plug it into your serial port and get ready for super productivity. This is the advanced version with special software that really speeds up your work.

The Point-and-Click software make the popular Lotus 1-2-3 work like a mouse-based application. It fully integrates the mouse, making it easier to create and edit spreadsheets. With Logimouse and its Program, you can scroll to different sections of your spreadsheet and move quickly from cell to cell.

It has its own time-saving pop up menus, which you can customize to meet your needs. With its Point Text Editor, you can open many overlapping windows on the same or different files.

You'll find that a mouse added to your keyboard will make your work infinitely easier in lots of programs.

What is a mouse? Well, it's very simply a small device you move on your desk. As you move it, it causes the curser on the screen to move.

It replaces keyboard commands and is incredibly fast. It let's you be really productive. When the curser is where you want it, simply click (touch) a mouse button and your computer will react.

You will find more and more programs supporting mice because they are incredibly easy to use.

I think you'll have a hard time matching the quality of the Logimouse. And when you add the Plus Software, I can't match the productivity at any price.

WHY SO CHEAP

This system will come to you in just a few boxes. But, it took me over two months to assemble the software. I had to work with 5 separate companies, plus Quadram, to make it complete.

The problem was really very simple. Nobody at Quadram knew what software was availble for this printer.

So they were sitting with 4200 printers. I bought all 4200 for a song and put together this package.

The only reason that the price is so 'cheap' is because I got a ridiculous price from Quadram. They are a large company with lots of other products, and 4200 printers wasn't worth their effort.

From Boston to Toronto to Silicon Valley, I've covered this continent to put together this system. **Now, it's easy for you to use because you get everything.**

Of course, if you just wanted to print text, virtually every word processing program works great. But you'd be wasting the incredible presentation power of this remarkable 7-color ink jet printer.

It's backed, as is each separate software package and the mouse, by each of the 6 individual manufacturers' standard limited warranties.

BOLD PRESENTATIONS RISK FREE

Don't say it with words. Demonstrate your ideas with vivid colors. Show graphs to make your point. Design presentations to knock the socks off of prospects. Or, simply draw beautiful pictures.

If you aren't 100% awed, simply return it in its original boxes within 30 days for a courteous refund.

To order the Complete Presentation package including the $495 Quadram 7-Color Silent Ink Jet Printer, DAK's $49^{90} DAKGraf, Savtek's $89^{90} Desktop Publishing Program, SoftKey's $149 Keychart, Digital Research's newest $299 Gem Draw Plus, and Logitech's $119 Logimouse with Plus Software for a total $1201^{80} retail value, risk free with your credit card, call toll free or send your check for just **$499** ($14 P&H) Order No. 4811. CA res add tax.

Special hookup bonus. Now you can switch between your current printer and this printer instantly. Just unplug the cable from your parallel printer and plug it into this box. Two identical cables are supplied that connect our switching box to both of your printers. It's just **$49^{90}** ($3 P&H). Order No. 4813.

A box of 4 125' rolls of 8½" wide paper is **$29^{90}** ($3 P&H) Order No. 4486.

Extra 4,000,000 character Black Ink Packs are just **$12^{90}** ($1 P&H) Order No. 4484. Extra 3,000,000 character Yellow/Red/Blue Ink Packs are just **$14^{90}** ($1 P&H). Order No. 4485.

You never get a second chance to make a good first impression. With this system, every impression will be dramatically bold and 100% professional.

IBM PC & XT & AT, Gem Draw Plus, Keychart, Savtek, Quadram, Logitech & Logimouse & Point and Click, and Lotus 1-2-3 are registered trademarks of International Business Machines, Digital Research, Softkey, Savtek, Quadram, Logitech and Lotus Development Corp. respectively.

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8200 Remmet Ave., Canoga Park, CA 91304

Unfair Competition?

An Unfair Challenge to IBM's Typewriters and Computers

What if you and every secretary in your office could have powerful computers that were as easy to use, but cost less than IBM electronic typewriters? What if they also ran IBM compatible software? Well, now you can get this 256K IBM PC Clone, the Amber Monitor, the Letter Quality Printer, and The $400 Software Library for just $999.

By Drew Kaplan

Look around your office. Are your secretaries wasting time typing and re-typing letters and documents?

Well, throw out your dumb typewriters. Now typing on an IBM compatible computer can be as easy, and yes, cheaper than using an IBM electronic typewriter.

Every word you type can be stored in the 256,000 character memory or on floppy disks. So, when you make corrections to a letter or document, you'll never need to retype the whole letter again.

30 MINUTES TO PRODUCTIVITY

In 30 minutes **you** or your secretary will be comfortably typing letters faster than on any typewriter. This computer is so easy to use that there's no 'computer fear' from non-computer typists.

But, if you're looking for computing power, get ready to blast off. It is so powerful that it will run Lotus 1-2-3, Flight Simulator and every other IBM compatible program that we've tested.

In fact, the manufacturer states in the Operator's Guide that, "The computer is ultimately and completely compatible with the IBM Personal Computer."

Actually, typing letters is child's play for this sophisticated machine. But for $999, it's sure to be the most popular typewriter in any office or even at home.

So, compare it to the typing ease and durability of say the new IBM Wheelwriter 5 at about $1045, or a Xerox Memory-writer 625 at about $1595.

Or compare just the computer section to the agility, speed, and intelligence of an IBM computer. Then, check our price.

FORGET LIFT OFF CORRECTION

Think about making a change in the first paragraph of a letter you have dictated. Just mark up the draft copy and give it back to your secretary.

She can bring the letter back onto the 80 column 25 line Amber Monitor, make the corrections, touch one button and the letter will automatically print out with your corrections and additions.

You'll never have to reread or re-proof retyped letters again for errors. And instead of spending 15 minutes retyping and re-proofing, your secretary can be working on your next project.

A typewriter-type word processing program whose commands flash on the screen, when needed, makes this the ideal transition from typewriter to computer.

Look how easy it is to use. Simply touch the F1 key at the left of the keyboard to delete a character. F2 deletes a word. And, F3 deletes a whole line.

F5 turns this machine into a line by line typewriter for typing directly onto envelopes or forms. F6 prints out anything on screen at any time.

This is a magnificently simple program that **you** or your secretary will be comfortable with in 30 minutes.

But when you are comfortable, you'll want to open our sophisticated $400 Software Library that lets you really start to use the power of this computer.

(DAK's added Software shown with included Visual Manuals)

You can type in lists of your customer's or employee's names and addresses. Then create a letter, select which names you want to receive the letter, and the computer will automatically print out individualized letters for each person.

So if you want 5 people or 500 people to be notified personally of your newest product or policy, now it's all automatic.

There's also a Budget Program, a Calendar Program and even a Portfolio Management Program we have included.

Of course you can use any IBM compatible PC programs from Lotus 1-2-3 to Norton Utilities. Or, you can buy other even more sophisticated word processing programs that even correct your spelling or give you an on-line thesaurus.

MORE THAN A TYPEWRITER

This IBM compatible computer with its **two 360 kilobyte drives**, 256K random access memory (more is available), composite video and yes, even RGB full color graphics output, is made by Visual, the 5th largest manufacturer of office graphics terminals.

Visual's computer is loaded. It has both a Centronics parallel printer output (we've included a superb daisy wheel letter quality printer) and an RS232 serial communications port (yes, you can add a modem to access outside data banks, or your main frame computer).

Visual's 1985 price list shows a list price of $1895 for this computer. And, that doesn't include the Amber Monitor, the Printer, or the Software Library that we've added. It just includes the computer and of course the IBM compatible MS DOS 2.1 operating system.

WHY SO CHEAP?

Visual makes terminals. They thought they'd design a superb IBM Clone and sell it with their terminals.

Well it turned out that Visual's salesmen weren't equipped to sell computers and Visual had put too much money into these computers (the built-in color graphics, TTL output, 2 floppy disk drives and lots of other features) to sell them at today's stripped down prices.

So, Visual has sold them all to DAK and has taken an enormous loss. (But don't worry about Visual. They are a

D

large company and 'dumping' these computers just lets them get back to concentrating on their main terminal business.)

So, you'll save a fortune and that's why this is an unfair comparison to IBM.

You see, you're saving money only because Visual lost money. IBM not only needs not to lose money, but needs to make a profit as well.

And, don't worry about ending up with an orphan. Unlike small computer companies that come and go, as long as Visual makes terminals, they will be around to protect your investment. Plus, they use the Sorbus Network for service.

TAKE YOUR WORK HOME TOO! Wow!

With the addition of a $149 optional 25 line 80 column LCD display, you can take this computer home. It's a full monitor display screen complete with graphics.

So, when it gets to be 6:00 and there's still work to be done or files to be studied, just take the computer home or send it home with your secretary.

And, with the addition of a modem, you can even transmit files from home to the office. Or, you can log onto data bases like CompuServe or Dow Jones.

THE GOOD, THE BAD, & THE BEAUTIFUL

From your first touch of the rugged sculptured keys of this computer, you'll appreciate the built-in rugged quality.

There's even a 10 key numeric pad. The 83 key keyboard is **identical to IBM's PC**, except for the addition of lights on the 'Cap Lock' and 'Number Lock' keys.

The contoured keyboard is extremely comfortable. But, I must warn you that if you've never typed on an IBM PC, they've made the Shift keys and Return Keys slightly smaller than on a typewriter and it will take you a few minutes to adjust.

The computer has two floppy disk drives that use double sided double density 5¼" floppy disks. Each floppy disk holds 360,000 characters.

As a free gift from DAK, we're including a box of 10 disks. You can store 3,600,000 characters.

The computer uses a 16 bit 8088 Intel processor with a 4.77 MHz clock speed. It is AC powered and UL and FCC listed.

There is 256K of installed random access memory (RAM) for you to use as compared to 128K for most computers and the 7K on the IBM Wheelwriter 5.

We've included Magnavox's latest 80 column 25 line 12" non-glare Amber Monitor. It has 900 lines of horizontal resolution and 350 lines of interlaced vertical resolution to display graphics.

You can also connect an RGB (red green, blue) monitor for full color graphics. With most computers, the internal 'color card' can cost you several hundred dollars. Visual's has it built-in.

THIS IS NOT A CHEAP STARTER COMPUTER. Forget our price. Put it side by side with a similarly equipped IBM, run the same programs and you'll get the same results.

In fact, it's so compatible that you can interchange disks of your letters and programs between Visual's computer and an IBM PC whenever you wish. Wow!

THE PRINTER

This Silver Reed daisy wheel printer will type on your standard letterhead, envelopes, 3 X 5 cards or mailing labels.

It uses the same type interchangeable daisy wheel direct impact print system as typewriters (heavy duty of course).

The printer prints at 10-12 characters per second bidirectionally. You can set horizontal spacing, 'pitch', for expanded or contracted letter spacing. You can underline automatically and you can print normal or **Bold**.

But, don't worry. You can simply put in your paper and type. You can even use continuous form tractor feed paper with the optional $69 tractor feed.

Or, use your own letterhead with the optional $99 cut sheet feeder.

FINAL NOTES

Both the Silver Reed Printer and Magnavox monitor are backed by their respective manufacturers' limited warranties. The Visual Computer is backed by Visual's limited warranty and serviced by Sorbus (or Visual).

DON'T FORGET IT'S PORTABLE

For just $149, you'll get the factory installed 80 column 25 line (graphics capable) LCD display which simply lifts off when you're using the Amber Monitor.

You may not take your computer home or to another office every day, but the versatility is phenomenal.

ACCEPT OUR TYPEWRITER COMPUTER CHALLENGE RISK FREE

Wait till you see this state of the art computer marvel on your desk. And wait till you see what its incredible computing power can do for your productivity.

If you're not 100% satisfied with its typing or computing ability, simply return it to DAK in its original boxes within 30 days for a courteous refund.

To get your Visual 256K IBM Compatible Computer with Two 360K Floppy Disk Drives, Composite and RGB Outputs, Amber Monitor, Silver Reed Letter Quality Daisy Wheel Printer, $400 value Software Library, 10 Free Double Sided Double Density 5¼" Disks and connecting cables for the monitor and the printer risk free with your credit card, call toll free or send your check for DAK's limited Close-Out price of just **$999** plus **$24** for P&H. Order No. 4500. CA res add tax.

OPTIONS

If you're into massive spreadsheets and the large programs, order the 512K upgrade which doubles the 256K memory. It's installed by the factory for an additional **$129** ($5 P&H) Ord. No. 4625.

If you order the 512K upgrade, you can also add the factory installed 80 column LCD 25 line display so you can move the computer and work wherever you want. It's just **$149** ($5 P&H) Order No. 4626.

A factory installed 16 line LCD display that's great for text but won't show graphics also lets you work wherever you want. (Requires the 512 upgrade.) It's just **$99** ($5 P&H). Order No. 4879.

If you want to run continuous forms, from mailing labels to checks to letterhead, the Silver Reed Tractor feed snaps on and off in about 30 seconds. It's just **$69** ($3 P&H) Order No. 4345.

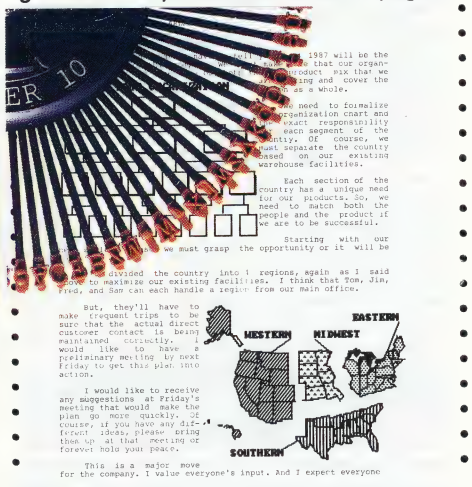
Use your standard letterhead automatically with the cut sheet feeder. It feeds paper like an automatic copier tray. It's just **$99** ($5 P&H) Order No. 4627.

Standard 300,000 character black poly ribbons are just **$6** ($0.50 P&H) Order No. 4346. You'll never see a lifted off correction mark that shows where errors have been removed again. You'll get 'Presidential Quality' letters that you'll be proud to mail every time.

!!!!! *SUPER NEW BONUS* !!!!!

Effective March 10, 1987, we will include Savtek's incredible new $89.90 Desktop Publishing Software so you can create letters, proposals, and reports with **INTEGRATED** text and graphics.

You'll also get DAKGRAF which lets you produce full page Bar, Line and Pie Charts. It's all produced on Silver Reed's daisy wheel printer. Wow! Both programs are fully described on other pages.



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8200 Remmet Ave., Canoga Park, CA 91304

Electronic Flashback

Direct dial buttons let your mind flash to the future, not to your memory, when you dial any of 23 of your most frequently called phone numbers. This phone is loaded with features and it's yours for just $39!

It just takes a few seconds. It's no big deal. But if you're like me, you may dial the same numbers over and over again.

Even if you aren't often frustrated by busy lines, and even if you never make a mistake dialing, a memory phone is a whole lot more than a posh luxury.

MEMORY FLASHBACK

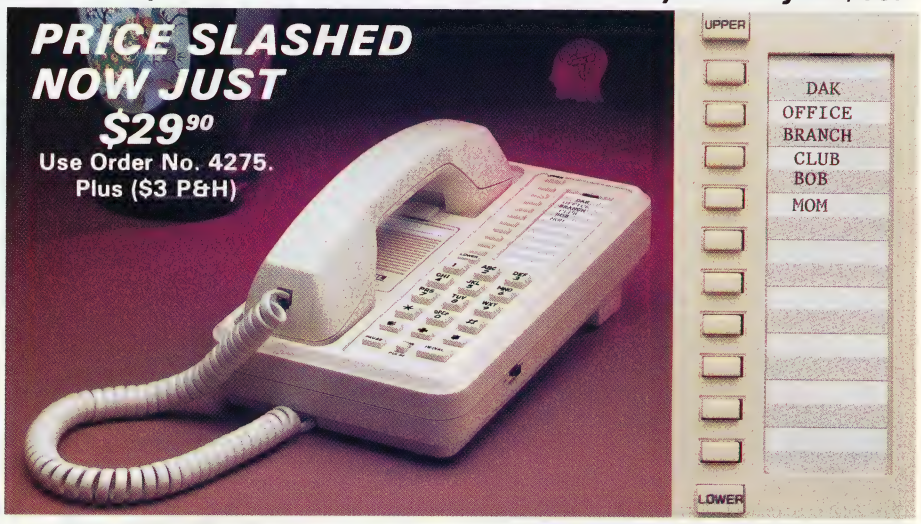
Forget telephone books. Forget remembering numbers. And best of all, forget dialing and redialing busy numbers. Now, for just $39 this 23 number decorator phone will reduce 7 to 16 digit numbers to just 1 or 2 button dialing.

You can automatically dial your complicated Sprint or MCI codes. Then dial the number you want to call manually or from memory. And, you'll be amazed at the time you save when you automatically dial 7 digit local numbers, especially when you reach a busy line.

The Flashback Memory Phone has 20 numbers you simply access with buttons at the top of the phone and 3 Emergency Buttons at the bottom of the phone.

The phone also has Tone/Pulse switching, One-Touch Redial, Pause and a Ringer On/Off switch. The handset has true Phone Company fit and feel. And the sound quality is simply terrific.

The phone may be desk or wall mounted. You simply plug it into any modular phone jack. And, when you install a 9V battery, the memory is protected.



It's made by USI (Universal Security Instruments Corp.) And, it's backed by their standard limited warranty.

FLASHBACK NO MORE RISK FREE

If you've ever dialed a long distance call, then entered a telephone credit card and made a mistake after a total of 15 or so digits, you're sure to appreciate this memory phone. And, if you only make local calls, just think of how fast and easy they will be.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your USI 23 Number, Flashback Memory Phone, with Redial, Pause, and Tone/Pulse risk free with your credit card, call toll free, or send your check for ~~just $39 ($3 P&H)~~ Order No. 4275.

I used to think that dialing phones were just for lazy people. But I find that saving time and hassle, even just 15 or so minutes a day, really adds up for me.

Cure Without a Problem?

Why would you want to have two printers connected to one computer, or two computers connected to one printer?

By Drew Kaplan

Dot Matrix or Daisy wheel is the question. This new industrial printer switcher is the answer. Or, do you buy an expensive printer for each computer in your office, or let adjacent desks share the printer? Look at all that $49.90 can do.

I use a dot matrix printer for all my drafts, then switch to daisy wheel letter quality for the final letter. All I do is push a button to change printers.

This switcher will allow you to use **ANY** two parallel printers with your computer.

TWO COMPUTERS

Printers aren't cheap. And if you think about it, most of the time they sit on your desk, waiting for your next command.

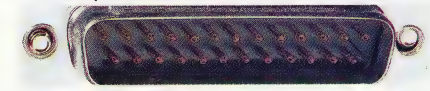
Well, now you can connect two computers to one printer and instantly switch between them. Whenever you or the person you're networking (sharing) with wants to print, just touch the button.

EASY HOOKUP FOR ANY COMPUTER

Don't touch your computer. Unplug the cable from your printer and plug it into the switcher. Then connect parallel cables from the switcher to your printers.

Both ends have the exact same connector as the cable plugged into your printer. We have them or you can get them at any computer store.

We also have cables to connect your IBM® or clone computers to this switcher. They have the parallel printer connector at one end and the DB25 connector, pictured below, at the other.



Note: if the connector on your computer has pins sticking out like the picture, you need to order the Female Cable.

If it has holes, then order the Male Connector that's pictured. The other end of the cable is always correct and you don't need to worry about male or female if you're just hooking up two printers.

It is 8½" wide, 5¾" deep and 2" tall. It requires no power. And, it's backed by DAK's standard limited warranty.

A PRODUCTIVITY REVOLUTION RISK FREE

Whether you want to use two printers as I do or use one printer with two computers, use this heavy duty switcher.

If you're not 100% satisfied, simply return within 30 days for a refund.

To order your Printer Switcher for Two Printers or Two Computers risk free with your credit card, call toll free or send your check for just **$49.90** ($4 P&H) Order No. 4644. CA res add sales tax.

Parallel to Parallel 6 foot printer cables are just **$12.90** ($1 P&H) Order No. 4645.

IBM or Clone DB25 to Parallel 6' Printer Cables are just **$19.90** ($1 P&H). Use Order No. 4646 for Male (pictured). Or, Use Order No 4647 for Female.

The Great 39^{90} 2" TV Catch

Now you can carry Casio's 2" HQM (High-Quality Matrix) LCD TV in your shirt pocket, your glove compartment or your briefcase. For your desk, your patio or use at a ball game, you can enjoy TV for just 39^{90}. But, there's a catch.

By Drew Kaplan

Here are the facts. Superb, fabulous and awesome are words that simply don't describe the picture quality of LCD TVs.

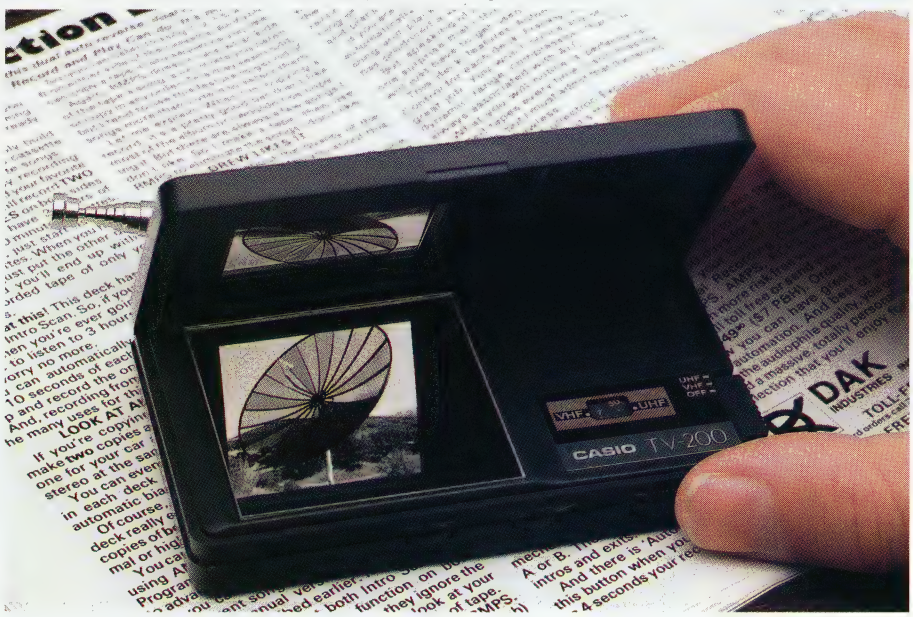
While the technology that makes these micro-TVs possible is superb, fabulous and awesome, frankly the picture quality has never been good enough to make it into a DAK catalog.

So, what is Casio's LCD TV doing in this catalog? Well, I've made a major buy that has enabled me to give you a TV that you can have with you all the time.

Now you can enjoy the instant replays and commentary when you're at a baseball or football game.

Now you can watch the news or any TV show anywhere you are. Now, you can watch VHF 2-13 or UHF 14-69 at the beach, at your desk, or on your patio.

And with LCD technology, you'll watch for up to 7 hours on just 2 AA batteries. Wow, the technology is impressive.



BUT, THE PICTURE ISN'T

Casio may shoot me for saying this, but frankly their picture isn't much better than any other LCD TV. Oh yes, it's their newest 'High-Quality Matrix' LCD system with twisted nematic type liquid crystals for the best resolution.

And yes, there's a brightness control and a sensitive, 7 element antenna. But, if you're looking for superb, dramatically bright images, forget it.

The picture you do see will be sharp. It will be clear. And, you won't strain your eyes watching it like you did with some of the older units. But, exciting it isn't.

So, the real value of this 7 ounce (including batteries) LCD TV is that you can take it with you wherever you go.

And frankly, its size and my 39^{90} market breaking price, make it more than exciting enough to include in my catalog. But, don't forget there's a catch.

I have one and I wouldn't be without it. But, I wouldn't pay $69 to $99 for it. And, I certainly wouldn't pay $150 for a less exacting color version.

Now when I go to my son's track meets, I can keep up with other ball games. And if I'm at 'the' game, I can see the replays. It's really great.

If I'm at an airport or simply alone in a restaurant, this 7/8" thick, 2½" deep and 4½" long TV keeps me company. As you can see from the picture above, it is incredibly small.

So, you can work in the garden or lay down in a hammock. You can check the news during your lunch hour or see world events as they unfold.

From soap operas to opera, from game shows to movies, this TV will let you see all the broadcasts you'd normally miss.

LCD TVs work by allowing light to pass through the LCD screen in the lid and be reflected on a mirror.

So, you're actually looking at the mirror and the picture is being projected through the lid. Ordinary room light will give you a good picture with this TV.

And, unlike tube TVs, you can watch this TV in full sunlight. So, it's great outdoors. But, you can't watch in the dark.

The sound quality is equal to any regular TV and you listen to it through the included earphone. So, you'll never bother anyone with this truly personal, state-of-the-art LCD TV. It's backed by Casio's standard limited warranty.

The truth is that you'll love the ability to enjoy TV wherever you are. On the road, at the park, or in your garage, you'll find this LCD TV a real joy.

But, I'd beware of anyone who uses too many superlatives to describe the 'superb' picture quality of any LCD TV.

THE CATCH

Frankly, we are losing our shirts on Casio's 2" LCD TV, but we're looking for audiophiles who use audio cassettes.

We make a cassette with great sound and no problems. We want you to try DAK's Gold Label MLX Ultra high energy normal bias or high bias cassettes.

Don't pay 4^{50} or even 3^{50} for your cassettes. Buy factory direct for just 2^{49} for DAK MLX normal bias or 2^{69} for MLX² high bias 90 minute cassettes.

We challenge you to compare the frequency response, dynamic range and signal to noise ratio of our Gold Label MLX, to Maxell or TDK cassettes.

DAK's high bias MLX² cassettes are especially well suited for capturing the drama and impact of compact discs. They have remarkable headroom and a superb signal to noise ratio.

And DAK's vault-like housing will protect your cherished music. We developed special cassette liners with multiple spring creases that gently guide each layer of tape as it winds within the cassette.

This makes DAK cassettes ideal for the rigors of car and personal stereo use.

DAK's normal bias cassettes have a frequency response to 19,500hz and our high bias to 21,000hz. Both come with individual hard plastic boxes, index insert cards and a standard one year limited warranty.

WHY, YOU MAY BE ASKING

You're very valuable to us in the form of future business. Over 1,600,000 customers have responded to bonuses like this. We find most of you keep buying once you've tried our cassettes and our prices; and that's a worthwhile gamble.

TRY DAK MLX & MLX² CASSETTES RISK FREE

Now you won't miss your favorite programs when you're out. Now you can keep track of one game while you're at another. And now, you'll never be alone when you want a TV for company.

To get the Casio LCD 2" TV with Casio's new High-Quality Matrix LCD system for just 39^{90}, just try 10 MLX or MLX² cassettes. If you aren't 100% satisfied, return only 9 of the 10 cassettes and the LCD TV in its original box within 30 days to DAK for a courteous refund. The 10th cassette is a gift for your time.

To order 10 Gold Label DAK 90 minute cassettes and get Casio's go anywhere High Quality Matrix, Twisted Nematic Type LCD TV complete with earphone risk free with your credit card, call toll free or send your check for just **24^{90}** for the MLX90 cassettes plus **39^{90}** for the TV and **$4** P&H. Order No. 4849. CA add tax.

If you prefer our MLX² high bias 90 minute cassettes for superb CD reproduction, send just **26^{90}** for the MLX² 90 minute cassettes plus **39^{90}** for the TV and **$4** P&H. Order No. 4850.

It's TV to go with Casio's latest innovation. If you can be satisfied with a sharp, but not vibrant picture, you can now quite literally hold the world in the palm of your hand.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . .1-800-272-3200
Any Other Inquiries. 1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304

Cable/Antenna Controller

Get all the cable channels and ALL the VHF and UHF channels on any TV or video recorder with this remote control cable tuning/switching system. You'll get up to 140 channels, control volume, mute and much more at a limited close-out price.

By Drew Kaplan

If you've got cable AND/OR antenna(s), we've got it all. Now you can tune in up to 140 channels from your easy chair. Plus, you'll have remote mute, volume and unlimited Favorite Memories.

Universal is a leader in innovative cable tuning. They weren't satisfied with this Controller's picture quality.

So, they changed a critical part, right here in their factory in Maryland. And, the expensive part they had to use, not only produced a superb picture, it unlocked 31 extra high band cable channels.

GREAT NEWS????

Well, a great picture and 39 extra channels sounded like great news to me, but it created a problem for Universal.

First, they spent a bundle perfecting this Controller. And they wanted to advertise 140 channel reception so they could charge more money.

But, all their fancy color gift boxes say 109 channels. So, they'd have to order new boxes. And, for a few thousand units it wasn't practical.

Enter DAK. Universal was faced with spending more money on packaging. So, DAK offered to buy their inventory in the old boxes (at below the old price, for cash). And, that's why you'll get this 140 channel Controller with built-in antenna switcher for just $99^{90}. Wow!

WHY ANTENNA AND CABLE?

If you've got cable, you probably get most UHF broadcasts on spare cable channels. But, it's not uncommon to get better picture quality on both VHF and UHF from your own antenna. So, you be the judge. Just touch the button and compare the reception.

And, **virtually every other remote cable controller I've seen doesn't offer remote control to non-cable owners.**

Now you can have remote control and Favorite Channel (read on) even if you don't have cable. And, if cable comes to your neighborhood, you'll be ready.

MOVIE CHANNELS

If there are movie channels on your cable and they're not scrambled, the Controller is all you need. If they're scrambled, you'll need the cable company's box.

Note: Check with your cable company before viewing anything at all, to see if they require you to pay a fee.

SPORTS PLUS

There are lots of 'Super Channels' broadcast on cable. On the 'All sports Channel' you'll watch 'World Class Sports' whenever you wish. 'All Movie' Channels give you entertainment at all hours.

And 'Super Stations' from New York and Atlanta give you major city TV for cities other than your own. Plus, there's Cable News Network for a world wide perspective on the news and much more. Why not see what's on your cable?

TOTAL RANDOM ACCESS TUNING

The wireless infrared remote hand controller does it all. It switches both the TV and the Controller on and off and selects your channels. **And, look at this.**

You can select as many Favorite Channels as you want. There's a second Up/Down channel button that lets you select just your favorite channels.

If you like to flip through movie channels during commercials on regular TV as I do, you'll love this feature.

For the other channels, you'll enjoy total random access tuning. You can go directly from channel 2 to 28. Or you can step tune one channel at a time.

Finally, you'll control volume from the remote. As you touch the Up/Down Volume Controls, the LED display shows you a numerical volume level.

INSTALLATION

Nothing to it. All cable systems use 75 ohm round cable. Simply unscrew the end from your TV and screw it into the Controller base input.

There are also Antenna VHF and UHF inputs. So, you actually have 3 inputs.

Anyway, you then screw in an identical cable (included) between the Cable/Antenna Controller and your TV. Finally, plug your TV's AC plug into the Controller and the Controller's plug into the wall.

WHAT IT IS

The Controller is actually a very sophisticated, all electronic VHF/UHF TV tuner/receiver and switcher. It's really a TV set without a tube plus a switcher.

Since it's all electronic, you won't be getting snow from dirty tuning contacts and loss of fine tuning as the set ages.

The Controller tunes all the possible stations that your cable can broadcast or your antenna can receive. And, that's something that would be very expensive to build into standard TVs.

GREAT FOR VIDEO RECORDERS

Now you can record cable or regular TV easily. Let me tell you why. Most video recorders, although they receive up to 110 channels, only let you preselect 12 to 16. With this controller you can select any of the 140 instantly.

So, I usually use the controller to select the channel and set the recorder to come on at the time I want to record.

WHAT IT ISN'T

It isn't one of the infamous 'black boxes' that illegally decodes various 'Pay TV' Channels. On cable, most of the programming isn't scrambled, it's just found outside the tuning range of most TVs.

The Cable Controller is made and backed by a standard limited warranty from Universal. These are not rejects. Universal decided to upgrade them based on their internal quality control standards.

GET EVERYTHING FOR YOUR TV RISK FREE

Relax up to 25 feet away. Change channels. Flip through your Favorites during commercials. If the phone rings, touch mute for silence.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your Universal 140 Channel Cable/Antenna Controller Switcher with Volume, Mute, Favorite Channels and Wireless Infrared Remote Control, risk free with your credit card, call toll free or send your check for DAK's limited close-out price of just **$99^{90}** ($6 P&H) Order No. 4825. CA res add tax.

There's a whole new world of entertainment waiting for you. Just sit back in your favorite easy chair, and you can switch from UHF to VHF to Cable as easily as switching from channel 2 to channel 4.

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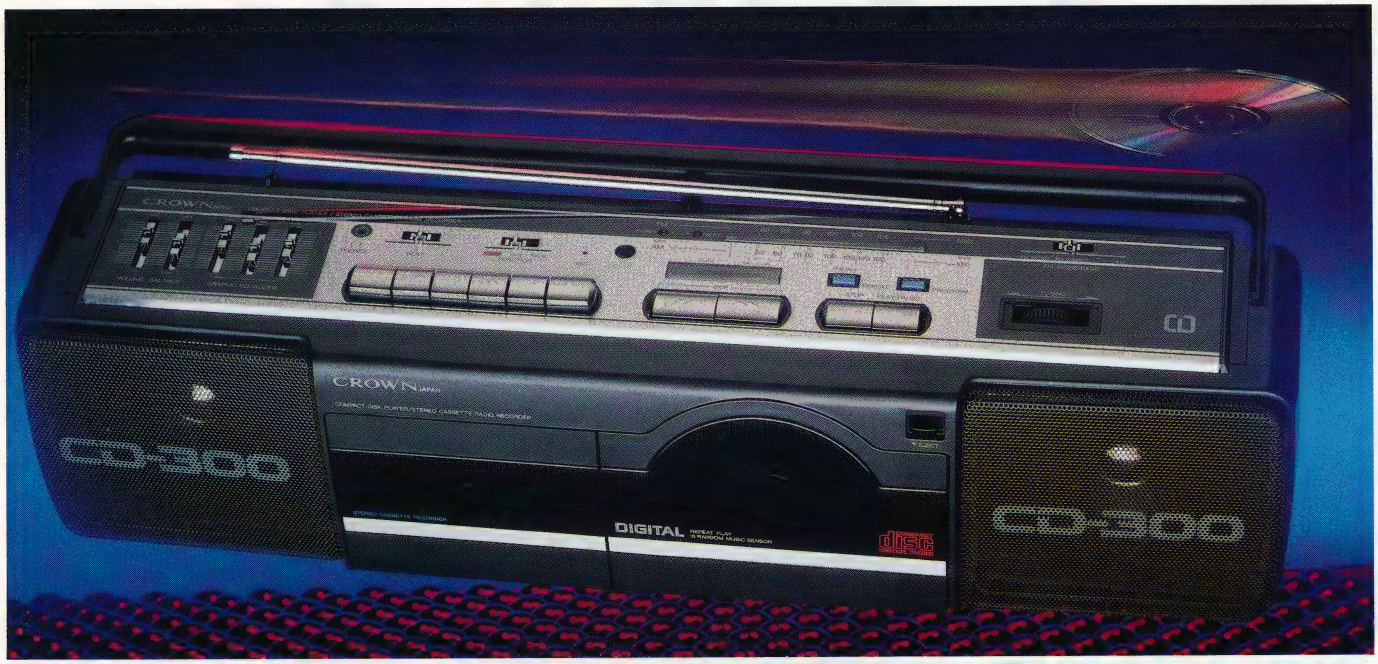
Any Other Inquiries.....1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304



Digital Thrill Maker

For your stereo system (it plugs in), or for anywhere you go, now you can have thrilling digital sound. Plus, it's fully programmable (great for recording cassettes) and you'll enjoy Cassettes, AM and FM stereo, at a breakthrough price.

By Drew Kaplan

It's a thrill a minute. CDs simply reproduce the best sound I've ever heard. And, I'm building a great collection.

Between the great classical music and all the 50s and 60s recordings that are now coming out on CDs (finally at decent prices), I'm really buying a lot of them.

Of course, I'm still listening to my cassettes and AM and FM stereo with this new Crown music center, but frankly, cassettes made from records or off FM simply don't have the sonic drama and impact that CDs deliver.

If you're like me, you already own lots of great albums. And, you've probably been listening to them for years.

Well, I saw no reason to buy a CD if I already owned the album. Besides, they just started re-releasing albums on CD.

Well, was I wrong. The first time I compared a CD release to an album release, the sound knocked my socks off.

SHOULDN'T HAVE BEEN SURPRISED

Well, I should have known that the difference would be staggering because the masters for the albums were recorded at 15 inches per second on 2" tape.

So, buy a CD of one of your favorite albums and compare the difference. I think you'll be as awed as I have been.

VERY DEMANDING

To adequately reproduce the capabilities of a CD without a full size stereo system isn't easy. But, Crown's powerful amplifiers and full range speakers really deliver thunderously powerful sound.

Plus, its equalizer lets you sculpture your sound. And with CDs, there's a lot of sound to sculpture. You can make low bass explosive and the high end dramatically alive.

INCREDIBLE BENEFITS

Before we look at the actual features of the CD, there's something you should know. Because of the demanding requirements that Crown had to meet to reproduce CDs, the sound quality you're going to hear from the cassette deck and AM and FM stereo tuners is breathtaking.

You'll have the same equalization, amplification and superb speaker systems to reproduce your cassette recordings and your favorite AM and FM broadcasts.

Of course, you can make incredible sounding recordings directly from the CD, and the AM or FM Stereo tuners. Plus, there's a built-in condenser mike.

And look at this. There's a CD output. So, if you don't have a CD in your main stereo system, now you can use this as a component CD when you're home and a portable when you're out.

Plus, if you have a stereo system in your den, bedroom or office, just plug in its **included cable** and you can use this CD portable as a fully programmable CD deck for any system you own.

You'll be able to use this system wherever you want great sounding music from CDs, Cassettes, or AM/FM Stereo.

CD MAGIC

Prepare for an incredible 16-20,000hz audio experience. It uses the latest 3-beam laser system for flawless tracking.

You can really control this CD system. You can play a CD. You can program up to 16 tracks in any order you wish.

And, you can repeat the whole CD, a single track, or the up to 16 tracks you've programmed, to play for an hour, an evening or forever.

Important Note: Now you can effortlessly record cassettes with just the songs you want in just the order you want them with this new programmable deck. Wow!

If you're listening to a song, you can have it start over again or skip to the next or back to the last. In fact, you can skip to any song you want, whenever you want.

It's 22" long, 6½" tall and 5½" deep. It operates from AC (cord included), or D cell batteries. It's backed by Crown's standard limited warranty.

MAGNIFICENT MUSIC RISK FREE

About the only thing that proves this is a portable is its handle. When you hear the sound, especially in your stereo system, you won't believe it's a portable.

If you're not 100% awed by the incredible sound quality, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Crown's Portable Music Center with 16 Random Access Program Capability, and 3 Beam Laser CD Player, superb Cassette Deck, AM/FM Stereo Tuners plus Graphic Equalizer and Stereo System Connecting Cable risk free with your credit card, call toll free, or send your check for DAK's market breaking price of just **$179.90** ($8 P&H) Order No. 4886. CA res add tax.

Make each CD you own perform double duty. Play it in your main stereo (this makes a perfect component), play it in any other stereos you own, and play it on the road. Wait till you hear the sound.

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8200 Remmet Ave., Canoga Park, CA 91304

You Can Fool Mother Nature

After 2 earthquakes and a heat wave that has exceeded 108° in Los Angeles, they say we're really shaking and baking. Well, our electricity sure isn't. Power failures abound. But now, you really can fool Mother Nature.

By Drew Kaplan

It's a fact. If it isn't earthquakes in California, it's tornados in the Midwest, brownouts in New England or hurricanes in Florida.

Well, now you can keep your computer running as long as your home or office is standing, with Para Systems' new back-up power supply.

If you've ever lost a letter, spreadsheet or advertisement you were working on, as I have, you can now be protected.

Just plug your CPU and Monitor into the two receptacles on this phenomenal new product and it will switch to back-up power in less than 4 milliseconds.

HASSLE FREE PROTECTION

It's easy. Don't chance losing all the work you've done by having a power related computer crash. It's called an Uninterruptible Power Supply.

Whenever the power fails or dips, it switches to its self-contained battery which has been continuously charging.

When the power fails, the system sounds an ongoing informative alarm. You can continue to work for between 5 and 15 minutes, (depending on computer size) at which time a second, emergency alarm sounds informing you that you have only 2 minutes before catastrophe really does strike.

Important Note: You'll also be protected against power surges and spikes for very clean AC power. You can use this system **with or without** a power controller/protector like DAK's.

When blackouts or brownouts occur, you'll have instant protection. When the power is restored, the system automatically switches back for you.

There's nothing you need to do. Just plug it in and be protected. And don't worry about losing the first draft of a letter or complicated financial model.

It's made by Para Systems. It will handle up to 250 watts of power requirements. It's totally automatic and maintenance free. And, it's backed by Para Systems' standard limited warranty.

CREATIVE PROTECTION RISK FREE

Several times I've lost hours of work. I back-up frequently after a loss. But then, I get lazy. Now I'm protected.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your Uninterruptible Power Supply to protect the information you're putting into your computer, risk free with your credit card, call toll free, or send your check for just **$269** ($12 P&H). Order No. 4772. CA res add tax.

On several occasions, losing data that I haven't saved to disk has just about zapped my will to live. I can't relate in print what an emotional loss, a great ad lost, is to me. If you're proud of what you create, join me in protecting it from Mother Nature. And, remember to always back-up what you create.

Power Color Graphics

You may have full color capabilities in your IBM®, Clone or Apple® computers right now. Just $49.90 will add it to your IBM® or Clone, if you don't. And, just wait till you see how much easier it is to work with color.

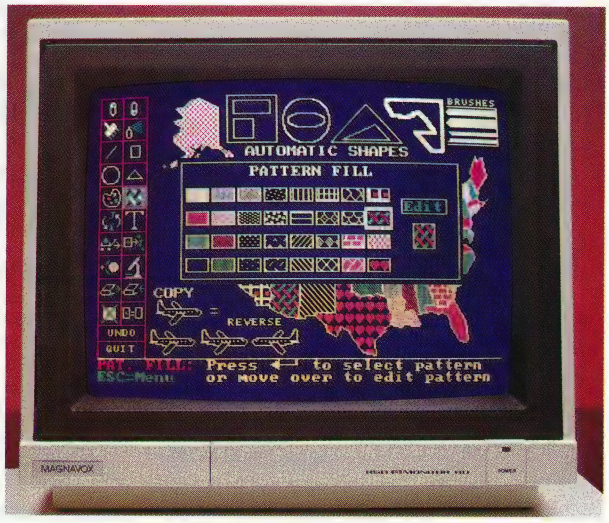
By Drew Kaplan

It's not a luxury. Using color and graphics really makes your computer easier to use. Most spreadsheet and word processing programs like Lotus® are easier to use in color.

Everything is more separated, so you can work faster, and frankly, it's much more pleasant to see color than simply amber or green.

Of course, this monitor has a 'green screen' switch, so you can switch to green screen whenever you wish.

It also has a 14" tube (13" visual) for a larger visual screen size without an appreciably larger footprint.



CGA EXPLAINED

If you own an IBM® or Clone like the Visual that DAK has sold (lucky you), you may have the CGA (color graphics) built-in. If you do, all you do is plug this monitor's included cable into your computer.

If you don't have CGA, I have a plug-in card listed below. Just slip the card into any open slot and be prepared for dramatic color computer images.

Of course you'll be able to use paint programs. Of course you'll see graphs in full color. But, you'll really love your normal day to day work in color.

You'll have 640 dots of horizontal resolution and 200 vertical scan lines. And, it has an 80 column 25 line display.

You'll have vertical and horizontal centering controls, variable sharpness control and even composite video and audio inputs. So, you can use this monitor with your VCR or composite computers.

It is 13½" wide, 12¾" tall and 13½" deep. It's made by Magnavox and backed by their standard limited warranty.

VIBRANT COLOR AND GRAPHICS RISK FREE

I'm hooked on color. Just look at the desktop publishing 'paint' picture shown in the screen. Whether you use graphics or do word processing & spreadsheets, if you spend much time in front of your monitor, you'll love the vibrance of color.

If you're not 100% thrilled, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Magnavox's RGB Color Graphics Monitor with Green Screen and Cable risk free with your credit card, call toll free or send your check for just **$269** ($14 P&H). Order No. 4921. CA add tax.

A CGA card that plugs into any open slot in your IBM® or Clone, is specially priced with purchase of the monitor only, for just **$49** ($2 P&H). Order No. 4922.

There are lots of public domain games (see $3 Rip-Offs Exposed) that are more fun to play in color. So, for work or enjoyment, color will really enhance all the things you do with your computer.

Computer Answering Machine?

Infuse your computer with power, even when it's off. Join the electronic mail revolution. And, give any external Hayes compatible modem a memory of its own, at a $69.90 breakthrough price. Even if you don't own a modem, read on!

By Drew Kaplan

Receive programs. Receive Electronic Mail. Make your stand alone modem really stand alone.

Now you can send files to your computer at home **when it's off**. Now, even if you're running spreadsheet or word processing programs, you can receive typed messages or files without interruptions.

Forget faxes. You can now have interoffice memos received, even at remote locations, effortlessly, with this all new modem answering machine.

And look at this. If you don't already own a modem, for just $69.90 plus the $119.90 cost of a DAK modem, you can have all the benefits of electronic mail for virtually any computer.

You're out of the office at meetings. When you get home, you find a schedule for the next day waiting for you at the touch of a button.

You'll also find several messages from associates and even a dinner invitation from a computer buddy. You can print it out or read it on your monitor. It's all easy with electronic mail.

Just look for the blinking light on your buffer and you can retrieve your messages and files at your convenience.

WHAT IT IS

Technically, it's called an intelligent modem buffer. It's a new concept, so if you aren't familiar with it, don't worry.

It's installation free. Just connect it (cable included) between your modem and your computer. It will give your computer, mainframe-like remote input.

Just touch the On-Line button and it automatically takes over your modem.

Forget programming. Forget expensive complicated 'Host' programs.

Whenever your modem line rings, it will automatically be answered and the caller will be given a choice of options.

They can type in a message. Anything they type on their keyboard will be stored for you to read at your convenience.

And, they can send you a file using standard XMODEM protocol. A file can be a letter, a program or a spreadsheet.

To read your messages, just touch the Read button. You'll see a directory of the messages and files you've received.

You can select messages and files in any order that you like. And, you can either read the files on your monitor's screen or save them to disk.

50 WAYS TO USE YOUR BUFFER

(Sung to the tune of "50 Ways to Leave Your Lover")

If you're like me, you don't use your modem's auto-answer feature very often. Well, whether you have a dedicated line or not, boy are you in for a change!

People spend lots of money with The Pay Services to leave messages for friends and business associates.

It's called Electronic Mail. And, it can cost $0.50 to $1.00 per message.

Now you'll have your own incoming electronic bulletin board. So, forget calling and logging onto message bulletin boards. Now you can retrieve your messages with the touch of a button.

And, if the SysOp of a bulletin board has a message for you, he can leave it on **your** bulletin board. It's really great.

If you're a lawyer, a writer, or a businessman, you can send your information at lightning speed for much less than the cost of faxing or air couriers.

With fax machines costing $1-3,000, and air services in the $20 range, this system (because you already own your computer) combined with any modem, represents incredible cost savings, and yet provides superior service.

It's superior because anything you send doesn't have to be retyped for revisions. It's ideal for letters, orders, proposals, contracts and memos.

And, is it easy! Just dial the number, respond to the buffer and leave your message. Whether you hand type in a message or transmit a file, it can instantly be anywhere there's a phone line. Wow!

If you have a portable computer, you can now send messages, orders and files back to your main computer without leaving it on for extended periods.

IN A NUTSHELL

It can receive up to 64 messages or files. It's compatible with 2400 baud, 1200 baud and 300 baud modems. It has a 64K memory capacity and there's an upgrade to 128K if you're expecting really big files (128,000 characters).

With only two buttons to push, virtually no instructions needed, and less than two minute hookup, it will really add to your computer's capabilities.

It's AC powered. It's 7" X 5½" X 1¼". And, it's backed by a limited warranty.

COMPUTER ANSWERING MACHINE RISK FREE

It's not just a convenience to save you time when files are coming in. There's simply no economical way to enjoy the benefits of Electronic Mail and automatic file transfer without this modem buffer.

If you're not 100% thrilled, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your 64K, 64 message Capacity Computer Answering Machine, that installs instantly and automates your modem, risk free with your credit card, call toll free, or send your check for DAK's factory direct price of just **$69.90** ($4 P&H). Order No. 4716. CA res add tax.

To order your Expanded 128K, 64 message version, risk free with your credit card, call toll free, or send your check for DAK's factory direct price of just **$89.90** ($4 P&H). Order No. 4717.

East coast to west, and around town, you'll receive data at anytime, hassle free, and save a ton of money in the deal.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . .1-800-272-3200
Any Other Inquiries. 1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304

Fat Watcher Plus

Now you can walk or jog around the block, walk around the office or even around a trade show, and know how far you've traveled and how many calories you've burned. Use the alarm to set calorie and distance goals.

By Drew Kaplan

No, you don't have to be fat. And no, you don't have to be a marathon runner. However, if you are, you're going to marvel at the feedback you'll get from this new electronic Body Monitor.

Before we explore how you can use this Body Monitor's capabilities to aid you in losing weight (as it is me) and to measure your training achievements, let's look at some interesting curiosities.

If you're like me, you've probably wondered just how far you go when you walk around the block. And, every year I attend the Consumer Electronics Show and I've always wanted to know how far I walk.

Since my plane always seems to be at the last gate at every airport, I've wondered just how far I go. I've also been curious about how much ground I cover in an average day at the office.

Well now, not only will I know how many steps I've taken, I'll know how many miles or hundredths of miles I've gone and how many calories I've burned.

Now **we** will know it all. And, with the ability to set goals, we can use this monitor to help achieve our desired fitness.

ONE STEP AT A TIME

It all starts out with one small step. Just clip the Body Monitor on your belt or waist band and away you go.

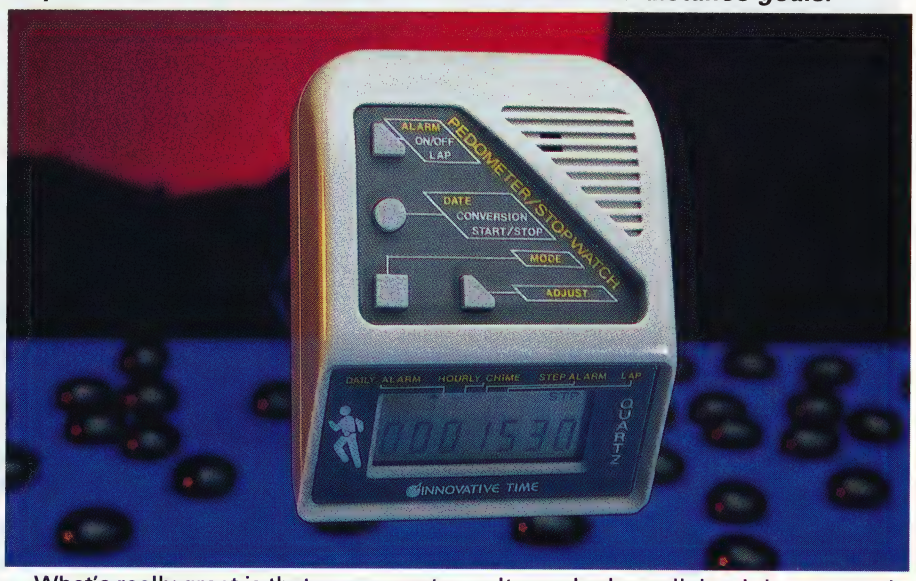
First it counts your steps. As you can see below, I've taken 1544 steps.

It knows how far you've gone because you set it to your particular stride length. As you can see, I've got mine set at 2½ feet. But you can set yours from 0 to 7'.

Because it knows your stride length, it automatically calculates the distance you travel. Just touch a button, and as you can see, I've traveled 0.58 miles.

Push the button again, and you can see how many calories you've burned. The Body Monitor has a built-in table that calculates an average of how many calories you've burned, based on the number of steps you've taken.

And, you can be even more accurate by adding your exact weight to the body meter's reading. A formula is included.



What's really great is that you can set a target for yourself to achieve. Here I've set 2500 steps. When I reach 2500 steps, an alarm will sound to tell me that I've achieved my goal.

But steps aren't very interesting, so you can set the alarm to let you burn 100 calories or go 3 miles. It's all calculated through the steps, so it's really easy.

Let's say I want to eat an ice cream sundae. It has 260 calories. So, I'd have to walk 5200 steps. I'm forgetting the ice cream sundae, but I may have a piece of cheese or maybe even a cookie.

Using the Body Monitor for running or walking lets you see just what you've accomplished. And while I can't speak for you, I personally work and play best when I set goals.

The Body Monitor lets me set and achieve goals. So, it's been a terrific aid in my personal fitness program.

By the way, it's 1.03 miles around my block and I burn about 105 calories.

I'm really excited about finding out just how far I walk at the Consumer Electronics Show, but I'll have to wait till it opens in January to find out.

SO MUCH MORE

It may look small, but it has so much inside. It has a built-in clock with hourly chime, so you don't have to wear a watch.

It has a stopwatch, accurate to 1/100th of a second resolution. And not only does it have a lap timer, it has first and second place finishes.

But, with all its frills and all its great curiosity satisfiers, it's really a precision fitness aid.

So, if you walk, jog or exercise, the Body Monitor can aid in measuring what you've accomplished. It comes with a one year battery, and it's backed by a one year limited warranty by Innovative Time, the Pulse Watch People.

SATISFY YOUR CURIOSITY RISK FREE

I've been dieting and exercising for years. I use my pulse watch all the time and it tells me how I'm doing. Now the new Body Monitor gives me feedback as to what I'm accomplishing.

And, I particularly like the goal setting alarms. Now, instead of watching my watch to see when I've run enough, an alarm sounds when I'm through. **Plus, it's really neat to know how much ground you've covered around the office or around the block.**

If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order Innovative Time's Body Monitor with Step Counter, Mileage Counter, Calorie Counter, Stop Watch and Goal Setting Alarm, call toll free, or send your check for DAK's breakthrough price of just **$39.90** ($3 P&H) Order No. 4651. CA res add tax.

It's great for fitness, but I'm wearing mine to work and even around the house. It's small in size, but it sure feeds back a lot of exciting information.

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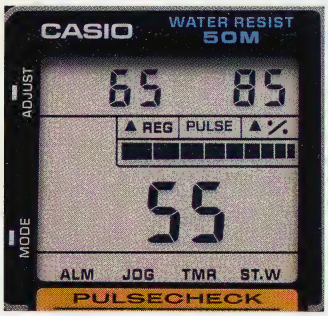
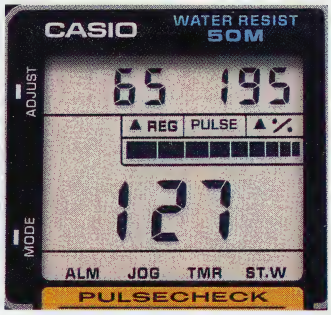
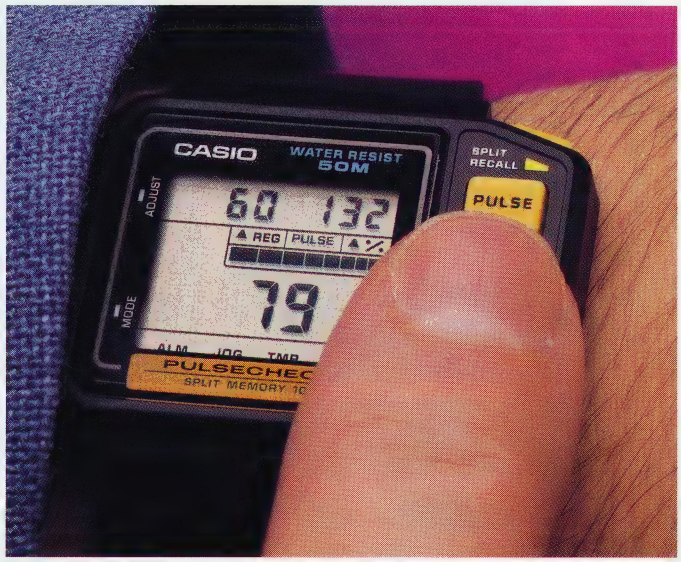


When you are at rest, so is your heart. A low resting heart rate usually means that you're in good condition. Have you checked yours?



When you exercise, you should reach your heart's target zone. But, have I reached my exercise target zone, or just had too much coffee?



Heart Window 2

Now you can exercise, rest, swim or go out to dinner wearing the latest in computer pulse takers on your wrist. Plus, it's a talented sports watch with an audible pacer, a 9 split time stopwatch and a repeatable countdown timer.

By Drew Kaplan

It's a fact. You can tell a lot about yourself from your heart rate. You can evaluate the condition you are in, how much stress you are under, and how hard you should be exercising.

Think about it. How fast does your heart beat when you climb a flight of stairs? And how long does it take for your heart rate to return to normal?

Well, if you're at all like me, you may be a little out of shape. While I'm only 41, several friends of my own age have recently had heart attacks. And frankly, I'm getting just a bit worried.

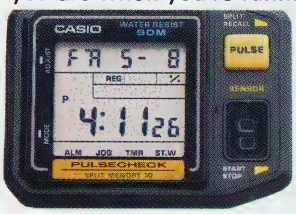
You see, I'm getting past the point where I can simply say, "I'll get back into shape next year".

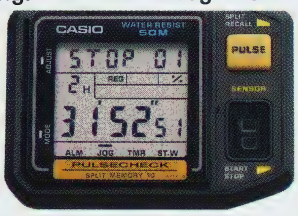
So whether you're a long distance runner (this is the ultimate jogging companion), or just a few pounds overweight like I am, your heart rate will give you a picture of your heart and body's condition.

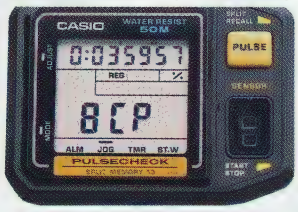
Now you can take your heart rate anytime, anywhere, with the newest in sophisticated electronic pulse takers.

And, it's contained in a talented sports watch that will dramatically contribute to your fitness program.

Plus it looks so nice and slim, you'll be as proud to wear it with a coat and tie as you are when you're running.







YOUR HEART'S TARGET ZONE

Your heart, just like any other muscle in your body, requires exercise. Unfortunately, unlike your arms, you can't see your heart's condition just by looking.

The type of exercise called aerobic exercise is specifically designed to exercise your heart. The purpose of aerobics is to reach your heart's target zone.

So, what is your target zone? Your target exercise zone is between 60% and 80% of your maximum heart rate. And here's an easy way to figure it out.

Simply subtract your age from 220 beats per minute. So, for me at 41, my maximum heart rate is (220-41) or 179.

So, when I exercise I should get my heart rate up to at least (179 X 60%) or 107 beats per minute, and no higher than (179 X 80%) or 143 beats per minute.

Look at this. The new Heart Window 2 shows you where you are at all times. In the pictures above I've entered my resting pulse rate of 60 and 65 beats.

When I work out, I enter my 179 maximum rate and constantly see where I am.

With the Heart Window 2 to help me, I can be sure that my workouts are valuable for my heart and neither dangerous escapades or total wastes of time. Of course, **before beginning any exercise program you should consult your doctor.** Note: The Heart Window 2 is designed to indicate your pulse rate and aid your exercise, not to make medical diagnoses.

BUT ISN'T EVERYONE DIFFERENT?

Here's the really exciting part. The worse shape you're in, the faster you'll reach the target zone.

You see, as you get in shape, your heart doesn't have to beat as hard to do the same amount of exercise. Just as when you work out with weights your arms become stronger, your heart becomes stronger with aerobic exercise.

So, the Heart Window 2 is safe for the beginner or the athlete. And, you'll really see your improvement as you exercise.

But you don't have to exercise. Just wearing the Heart Window 2 and using it at the office when you're under stress, after you've walked up some stairs or around the block, will make and keep you aware of your body's physical condition.

And look at this. Sit down at your desk and take your pulse. Then drink a couple of cups of coffee and take your pulse again. You'll see just what your morning 'pickup' actually picks up. And if, God forbid, you smoke, take your pulse before and after a cigarette. Wow!

MICRO-ELECTRONIC WONDER

Casio's Heart Window 2 is like a direct electronic link to your heart.

It uses a new micro-infrared technology to actually measure the capillary action in your finger. Each time your heart beats, the capillaries expand and a beat is registered.

The line just above your heart rate beats with your heart. So, you'll see the number of beats, a representation of the beat, your resting or maximum heart rate and **the percentage**, all displayed on the LCD screen of the Heart Window 2.

It's a beautiful LCD watch. As you can see in the display to the left below, it shows you the time, day, date and month.

It has 3 alarms. And, you can set an alarm to sound up to a week away.

It's a 20 hour stopwatch that's great for exercise and sporting events.

My son lettered in track. And, luckily he never came in 9th, but this stopwatch actually memorizes up to 9 split times.

The repeatable countdown timer is invaluable. I set it for 35 minutes when I get on my bicycle. It's great.

And, speaking of bicycles, rowers and jogging, there's a pacer (right hand picture). You can set it to provide audible beeps from 5 to 240 beats per minute.

Now you'll be able to set a consistent pace and really see your improvement.

It is water resistant to 50 meters. It comes with a two year battery. And it's backed by Casio's limited warranty.

TRY THE HEART WINDOW 2 RISK FREE

Now you can look at your heart as easily as the time. You'll see how you react to stress, foods and exercise. Why not let your own doctor test it?

Try the Heart Window 2 risk free. Try exercising and then check your cardiac recovery rate (yes it times recovery).

If you don't like what you see, you'd better keep the watch. But, if you just don't like the watch, simply return it within 30 days in its original box for a refund.

To order Your Heart Window 2, Pulse, Sports and Dress Watch risk free with your credit card, call toll free or send your check for just **$49.90** ($3 P&H). Order No. 4919. CA res add tax.

In the gym, at the track or at the office, you'll have a direct connection to the conditioning of your heart.

BSR's Endangered Colossus

Prepare for bone jarring bass and dramatically clear highs from these newly developed 15" 3-way 5 speaker systems that nearly missed their chance to charm an audiophile's ear. BSR moved its dbx and ADC divisions into one facility and these speakers almost became orphans. So now, they're yours at a close-out price.

By Drew Kaplan

It's a shame. But, it's also a great opportunity to get a pair of 15" audiophile loudspeakers with the newest in stereo imaging at a market-breaking price.

Imagine a precisely matched mirror image pair of top-of-the-line BSR speakers that can effortlessly recreate the cataclysmic impact of a full orchestral crescendo at full volume and yet offer flawlessly subtle sound detail to 21,500hz.

You'll thrill to thunderous bass all the way down to 26hz. Incredibly rich, full, vibrant sound at low volume will explode with life as you increase the volume.

But before we examine the front speaker complement, the twin overlapping crossovers and **the top mounted sonic placement and ambiance speakers**, let's see why they were almost orphaned.

You see, BSR, the half billion dollar electronics giant, is the parent company of two of the best names in up-scale audio, dbx and ADC.

Last year dbx developed a new multi-thousand dollar speaker system called the Soundfield One which lets you sit virtually anywhere in your room and have full stereo imaging and terrific sound.

BSR decided to consolidate ADC and dbx into one building (still 2 companies) and put all its speaker efforts into dbx.

POOR JACK

Well, while dbx's engineers were off designing their multi-thousand dollar masterpieces, BSR's Senior Acoustical Engineer (he had been Fisher's Chief Engineer for 10 years during its top end component stereo days), was designing BSR's radically new speaker line.

The revolutionary top of the line 15" stereo imaging pair pictured above will let you enjoy superb stereo imaging without sitting directly in front of your speakers.

But unfortunately, in the consolidation move, BSR's speakers went by the wayside, and so did Jack.

Enter DAK. After a few fearful negotiations and considering the engineering costs BSR had already expended, they agreed to make the speakers just for DAK.

Because there's virtually no BSR overhead left on these speakers, and the R&D was all but complete, we've gotten these speakers for virtually the component costs plus a little BSR labor.

And don't worry about Jack. BSR had him finish the engineering (they really are great people) and they'll pay him a royalty on each speaker we sell. Besides, by the time you read this, Jack is sure to be snapped up as the Chief Engineer at another esoteric audio company.

WHAT'S STEREO IMAGING?

Stereo imagery is the logical separation and interaction between channels. It's the successful creation of a panoramic wall or stage of music rather than the confined, easily located 2 speaker sound.

IT'S WHAT'S INSIDE THAT COUNTS

Imagine the full thunder of a kettle drum, or the pluck of a string bass being explosively recreated in your living room. BSR's 15" sub-bass acoustic suspension driver will revolutionize your concept of low clean bass.

Its magnetic structure weighs a thundering 48 ounces. But that's not all. The magnetic field is developed by the rare earth metal Strontium for state of the art massive but flawlessly controlled bass.

A 38mm voice coil with a 200° centigrade temperature capacity, will handle the most demanding digital or analog recordings. And, a new super rigid cabinet design virtually eliminates coloration due to uncontrolled cabinet resonance.

At low volume, the bass will fill in and envelop you. At high volume, your room, your walls and your neighbors will shake. (Not for apartment dwellers please.)

MATCHED PAIRS

The mid-range and high end of BSR's speakers are truly unique. Front mounted 8" polypropylene mid-range drivers provide rich sound while top mounted 5" polypropylene mid-range drivers provide an open, lifelike ambiance.

Front mounted exponential horn tweeters provide awesome brilliance to 21,500 hz, while top mounted tweeters enhance separation because they are mounted to the outside edge of each speaker.

So, this system has a specific left and a specific right speaker. You'll find wide, but interactive separation that will vastly widen your ideal listening area.

The imagery will give the illusion of musicians actually playing in front of you. Your music will take on a three dimensional quality. You'll enjoy superb stereo imagery regardless of each speaker's specific placement in your room.

MORE SPECIFICS

The exponential horn tweeters, both in front and on the top of these systems, employ 25mm rigid phenol diaphragms for stability and accurate response.

Polyamid-imid binders and ferro-fluid coolant allow for a 300% increase in heat dissipation so you can drive the voice coils up to 200° centigrade.

Now, the mid-range. Both the 8" front firing and the 5" top firing polypropylene drivers reproduce the mid-range frequencies like no ordinary speakers.

It's amazing that so many speaker manufacturers simply slap in 5" paper mid-ranges to reproduce what's really the major portion of the sound spectrum.

BSR's 8" and 5" polypropylene mid-ranges are rigid, exacting drivers that deliver incredibly pure uncolored sound.

They have matched 25mm voice coils, also protected by ferro-fluid and polyamid-imid to 200° centigrade. They are driven by powerful barium ferrite magnetic fields.

NOT QUITE FINISHED YET

To prevent phase shift and cancellation, two totally separate crossover networks are employed in these speakers.

All frequencies below 800 hz are directed to the 15" woofer. The front system routes frequencies above 800hz to the 8" mid-range to take full advantage of its superb reproduction capabilities. Frequencies above 3400hz are routed to the horn tweeter.

The top mounted system routes only frequencies above 1200hz to the 5" polypropylene ambiance mid-range driver, and frequencies above 3400hz are routed to the top sonic placement tweeter.

There are level controls for both the top and front mounted speakers so that you can voice the speakers to match your musical taste and environment.

Note: Only the top tweeters are mounted at the the edges. The front mounted tweeters are conventionally mounted for acoustical symmetry.

Each speaker is fuse protected for up to 200 watts peak, 150 watts continuous power. You can operate these super efficient speakers with as little as 20 watts.

AND OH WHAT A PRETTY FACE

The speaker systems are 30" tall, 19¼" wide and 10½" deep. Their lovely oak wood-grain appearance is enhanced by the dark removable grill cloths that beautifully contrast with the rich wood-grain tones. They're a statement of audio elegance when placed in any room. They're backed by BSR's 2 year limited warranty.

A COLOSSAL DREAM COMES TRUE RISK FREE

You'll hear depth of sound at low levels that was previously unobtainable. And yes, when you crank up the volume, your music will explode with realism and drama.

Try these speakers in your own system. Then compare them at any Hi-Fi Store with any pair of speakers up to $1000. If they don't beat all the competition hands down, simply return them to DAK in their original boxes within 30 days for a courteous refund.

To order your matched pair of BSR top-of-the-line 15" 3-way 5 speaker systems with unique stereo imaging risk free with your credit card, call toll free or send your check for DAK's market-breaking price of just **$299** for the **MATCHED PAIR** plus **$34** for Postage and Handling. Order No. 4868. CA res add tax.

It's a dream system for an audiophile. Sonically pure, thunderously powerful, these BSR speakers will make your future listening years an on-going fabulous, if not earthshaking experience.

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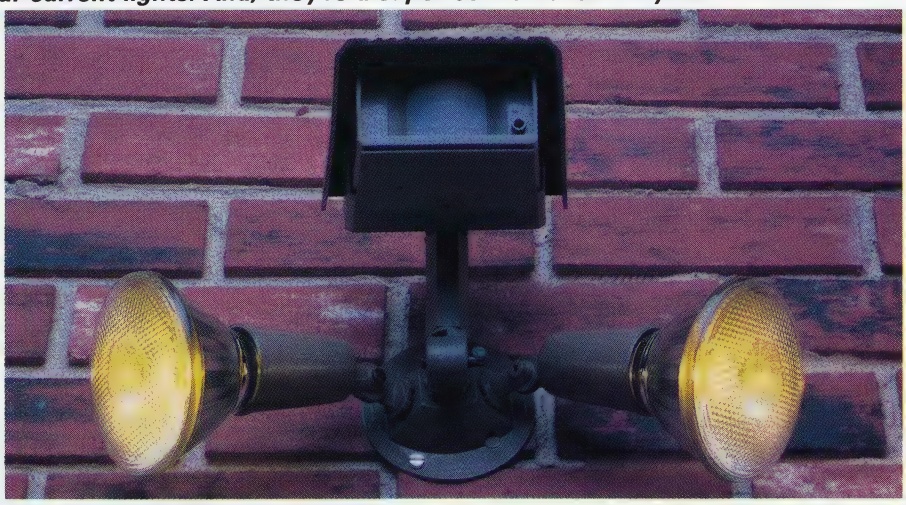
8200 Remmet Ave., Canoga Park, CA 91304

Skulker Stunner

If you don't want strangers skulking around your home, stun them with bright lights that come on automatically when they approach. They simply replace your current lights. And, they're a super convenience for you.

By Drew Kaplan



It's watching. It's waiting. Whenever a warm body comes within its 40 to 60' range, it reacts with blazing lights.

So, whether you'd like lights to come on as you approach your home, or you want protection from skulkers, this sophisticated new system does it all.

BURGLAR ALARM TECHNOLOGY

It's strictly state of the art. The best burglar alarms now use passive infrared detection. It reacts to warm bodies, not swaying trees and blowing drapes.

Now this same technology has been incorporated into this easy to install convenience and security system. You can have automated light wherever you now have an outside fixture.

This system simply replaces any fixture mounted on a standard round junction box (the industry standard). There's no extra wiring to run. Just supply the bulbs. There's nothing special to do.

But boy, will you get special automated control. You can set both the sensitivity and the length of time the lights stay on.

BATHED IN LIGHT

When you walk out on your patio, around the side of your home or drive up to your garage, you can be bathed in light. This system gives you, the home owner, automatic light wherever you go.

You can adjust the sensitivity so the lights come on only when you are very close, or extend it to 40 to 60 ft. Once your lights come on, you can have them stay on for a minimum of about 10 seconds up to 15 minutes.

Very smart system. There's a sensor that detects daylight so your lights will only come on at night. And, the automatic timing system will keep resetting itself.

So, if you're on the patio, as long as you move within the time limits you've set, your lights won't keep cycling. It's backed by a standard limited warranty.

SECURITY AND CONVENIENCE RISK FREE

Stun skulkers and keep your home looking like it's watched by an alert guard. Hopefully you won't encounter skulkers, but you will enjoy the benefits of this system whenever you're outside.

If you're not 100% satisfied, simply return it to DAK, in its original box within 30 days for a courteous refund.

To order your Security and Convenience Automated Lighting System risk free with your credit card, call toll free or send your check for just **$49.90** ($4 P&H). Order No. 4917. CA res add tax.

Wait till you walk out in your yard and have instant, automatic light. Wait till you hear a noise and look outside. Your new lights don't need noise, just a warm body to make them explode into action.

Instant Car Shield

Imagine a remote control car alarm that can be effortlessly installed with only two wires. It's very sophisticated, yet incredibly easy to use.

It's easy. It's fast. And oh, does it protect your car and its contents!

Press a wireless key ring transmitter (you get two), and a chirp assures you that your car alarm is activated. Another chirp confirms that it's disarmed. Your car and your possessions are protected.

This alarm can sense movement, vibration or the opening of a door. And when it does, it sends out a wailing blast that will curdle your blood.

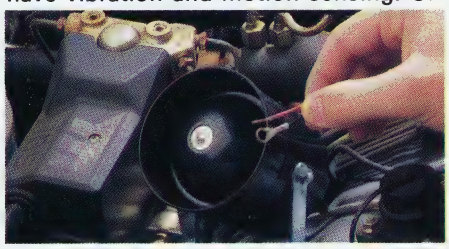
Just touch your key ring and it's instantly silenced. Nothing could be easier, except maybe the installation.

FEAR OF INSTALLING

This system's brains are contained in the horn housing. So, there's really nothing extra to install.

Just attach the bracket (shown in the picture) with two screws and then attach the black ground wire, using any screw that's already under your hood.

You can run the red (hot) wire to the positive side of the battery and you'll have vibration and motion sensing. Or run it to the fuse marked courtesy, and whenever a door, hood, or trunk that has a light is opened, the alarm will go off.



Either way you'll have protection in minutes. You need no special tools. It's made by Serpico and backed by their standard limited warranty.

A CAR FORCE FIELD RISK FREE

Why not protect your car. Many insurance companies give you a discount. But, the real saving is the horrible hassle of replacing your lost items, paying the deductible amount and negotiating with your insurance company.

If you're not 100% thrilled with the protection, simply return it in its original box to DAK within 30 days for a refund.

To order Serpico's sophisticated Wireless Car Alarm System that you'll install in just a few minutes, complete with two transmitters risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just **$129.90** ($4 P&H). Order No. 4918. CA res add tax.

Across the country, a car disappears twice a minute. Unfortunately, alarms are becoming a way of life. Combine sophistication, remote control and ease of installation to protect your car.

$229 CD Home Stereo System Direct

It may have a handle, but it would take a good size gorilla to carry this compact stereo system around. Program up to 30 random selections on its CD. Listen to cassettes sequentially or thrill to audiophile FM stereo reception.

By Drew Kaplan

It's party time. With this new compact stereo, there's something for everyone. It's the first compact with a handle that sounds like an audiophile system.

This top of the line, complete stereo system, has lots of musical sources. And, the sound from each is breathtaking.

Let's explore all that it does on a musical source by source basis.

But first, you should know that it's made by one of the world's largest 'private label' manufacturers. I can't tell you who it is, but they make products for dozens of the names you identify as top U.S. or European made brands.

I've personally been in factories where I see 5 or 6 major U.S. brands rolling off the production line at once. Read on!

INCOMPARABLE CD MAGIC

You can program up to 30 different selections in any order you desire.

There's even Repeat, so that you can have continuous music from a disc, a single song, or the selections you've programmed, over and over again forever.

You'll have 2 speed Forward and Reverse Search. Plus, you can skip to the Next track or the Last track.

The LCD display shows it all. You'll see the track number and elapsed time, the program number and current selection, and even the total number of tracks and total playing time of the disc.

But most important is the sound. There is a CD output, but with this stereo, you won't even think about connecting it to another system unless you've got 15" 3-way speakers. You'll be awed by the sound quality CDs produce.

DUELING CASSETTES PLUS

The twin matched decks are really first class. Each has its own Normal/Hi Bias Switch. You can copy tapes at normal or high speed. And, you'll have AC Bias and Erase for truly great recordings.

You'll enjoy sequential play. If you put recorded tapes in both decks and push play, when the first cassette is finished, the second will begin.

So, you'll have twice the uninterrupted enjoyment of your favorite tapes.

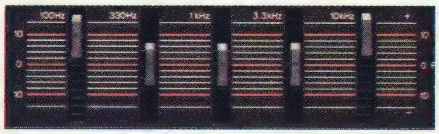
You can record from the CD, from AM or FM stereo, or you can plug in your own microphones for great sounding live recordings.

GREAT FM STEREO AND AM TOO

Turn on the FM stereo tuner. Start at one end of the dial and count the number of really clean, clear stations you receive. Then, compare your count with your stereo system's FM tuner.

I live in the hills, and only the very best FM tuners survive. And this tuner is superb. It's clear. It's clean, and it really locks in the stations.

The AM is also very good. It's clear. I find it extremely resistant to interference. In short, you're going to enjoy really great reception.



IT'S REALLY SPECIAL

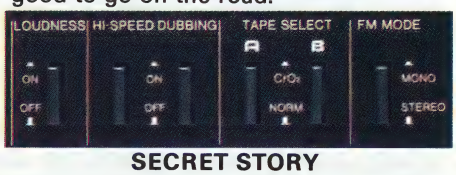
You'll be knocked off your feet by the power of the 2-way speaker systems. The 2 woofers really produce incredibly rich deep bass. And the tweeters produce highs that make the music seem alive.

Of course, you'll sculpture your sound with the 5-band equalizer. And, with these speakers, when you boost the lows at 100 hz, your walls will shake.

At 10,000hz, you'll be ready to break glass. Just wait till you hear a CD sculptured by this system. It's awesome.

You'll have Loudness Contour to boost the low end for low level listening.

It operates on AC, D Cell batteries (not included), or from your car (cord not included). It's built tough enough to be portable, but it's really too big and too good to go on the road.



SECRET STORY

It's made by one of the largest compact and portable stereo manufacturers. We've sold dozens of their products under familiar brand names in DAK's catalog.

Because of the people they supply, we can't advertise their name. But, be assured, this unit is backed by a very solid, standard limited warranty. And, the sound you hear will be the best ever.

This unit is so good, they've decided to sell it in the U.S. direct, so you'll save by eliminating the 'normal name brand'.

FABULOUS MUSIC FOR YOU RISK FREE

Wait till you hear the rich deep bass. Wait till you program the CD. It's great for making cassettes of selected tracks.

After you've experienced the sound, if you're not 100% thrilled with the incredible value this compact stereo represents, simply return it to DAK within 30 days in its original box for a refund.

To order your Compact Stereo System with 30 Program CD, Dual High Speed Dubbing Sequentially Playing Cassette Decks, AM and FM Stereo and great sounding 2-Way Speaker Systems, call toll free or send your check for The Factory Direct price of just **$229** ($9 P&H). Order No. 4920. CA res add tax.

A lot of sources stuck together wouldn't mean much if they weren't top quality. So, forget its normal fancy brand name, and just wait till you hear how your favorite music sounds through this system.

Now you can have dramatic stereo sound outside. These weatherized two-way speaker systems are at home in rain, sleet or snow. So, forget the weather. Take the full dramatic sound of your own stereo system outside.

It's a problem. You've got a great sounding stereo system inside. But, if you take your speakers outside, they're sure to be ruined by rain, sleet or snow.

Well, no more. Now Art Audio has designed a super new 2-way speaker system that's at home just about anywhere, except maybe at the bottom of your pool.

GREAT SOUND

The system enclosures are made of diecast aluminum. And, they are the latest air tight type. 18 screws, each actually screwed into threaded holes, make this vault-like enclosure secure against the elements, (including being stepped on by a large elephant).

Inside, there's an actual wire wound crossover network that feeds the lows to the woofer and the highs to the tweeter.

And speaking of the speakers, there is a woofer that you simply won't believe.

It only measures 4", but it has a magnet structure easily equal to an 8" speaker, and frankly, it sounds like one.

The acoustic suspension woofer is made of polypropylene which won't be affected by the elements. And, polypropylene is used in fine speaker systems for super accurate reproduction.

The tweeter is made of mylar for super accurate sound and a total disregard for the ravages of the elements.

INSTALLATION

These speakers come with easy-mount brackets. Just screw in the three wood screws to your house (included). And, attach the speakers to the brackets with the thumb screws (included).

It's best to mount the speakers under an overhang or under the eves of your home. But, short of 'dunking' them in water, they are fully weatherized. Even the grills are protective metal.

TRY PATIO BLASTERS RISK FREE

Wait till you hear the sound. You'll be amazed at the depth of the bass and the clarity of the highs in your own patio.

If you're not 100% satisfied, simply return them to DAK within 30 days in their original boxes for a refund.

To order your Patio Blasters risk free with your credit card, call toll free, or send your check for just **$49** ($4 P&H) for each speaker. (You'll need two for stereo). Order Number 9820.

Take your favorite music outside with great fidelity no matter what the time of year or what the weather is like.

DAK MLX And MLX² Cassettes

Thundering bass and crystal clear highs can be a reality with DAK MLX and MLX² cassettes. And, with DAK's music vault housing, your music will be protected.

It's a fact. DAK grew out of the industrial tape market. We manufactured tape for high speed duplicators who recorded music and voice tapes at 15 times normal speed.

We developed special cassette liners that would allow our cassettes to be ultra reliable, even under the relentless demands of high speed professional duplication.

Now we've developed a housing that incorporates all we've learned about high speed, heavy-duty use. This housing will give you the kind of reliability from your car cassette player and your personal stereo that you'd only expect from your home cassette deck. This super heavy-duty, dimensionally stable housing will give you maximum protection.

MLX NORMAL BIAS 90 MINUTE CASSETTES

These professional quality cassettes feature very special, ultra uniform and narrow, ferric iron, high density particles.

The denser particle packing (more particles per inch of tape) translates into improved frequency response, better signal to noise ratio, more headroom and dynamic range.

MLX cassettes offer you a frequency response capability that is superior to most cassette decks. If your deck can handle it, you can expect a frequency response of up to 19,500hz.

We offer our factory direct cassettes in 90 minute lengths and only prepackaged in units of 10. This saves us money and, as you can see from our prices, saves you money too.

To order 10 DAK MLX Normal Bias 90 Minute Cassettes for DAK's standard 30 day risk free trial, call toll free, or send your check for just **$24.90** ($1.50 P&H) Order No. 9650. Each MLX comes with an all clear hard plastic box, an index insert card, and a one year limited warranty.

DAK MLX² HIGH BIAS 90 MINUTE CASSETTES

MLX High Bias is a superb Chrome CrO^2 cassette. The greatest advantage of Chrome lies in the shape of its particles. Chrome is actually a synthetic mono-crystal that is grown under 30,000 pounds of pressure at a temperature of 900°. These particles are very small and very long and thin. What's important is that they are all virtually identical and can be packed together very densely.

The recordings that you will get using DAK's MLX² are nothing short of incredible. You'll have a frequency response that can top 21,000hz, assuming that your deck can.

This tape offers up to 6db more sensitivity than previous tapes above 10,000hz. You'll capture the subtle harmonics of the most demanding recordings.

To order 10 DAK High Bias MLX² 90 Minute Cassettes for DAK's standard 30 day risk free trial, call toll free, or send your check for just **$26.90** ($1.50 P&H) Order No. 9651.

Each MLX² comes with an all clear hard plastic box, an index insert card, and a one year limited warranty.

The Observers

At the office or at home, you can scrutinize up to 4 separate areas with both picture and sound. New technology allows a single cable to both power a camera and carry the audio and video signals. There's even an automatic switcher for up to 4 cameras. It's all yours at an amazing new price.

By Drew Kaplan

It does it all. And, it's absolutely terrific. You can monitor loading docks or swimming pools. You can watch for pilferage, shoplifting or accidents.

And, there's even an output for a video recorder so you can make a permanent record. Now you can see who comes and goes. And, you'll see **what they do.**

The system comes with a 12" video monitor, a sequential switching system that allows you to view up to 4 cameras from 4 to 60 seconds each, a camera complete with microphone, and an infinitely adjustable mounting arm.

You'll also get 57 feet of cable and you can add up to 300'. You can even add a weather resistant case for outside use.

LOOK AT ALL IT DOES

The technological breakthrough that allows you to make a single wire installation lets you have **sound** and **picture** monitoring of all types of areas.

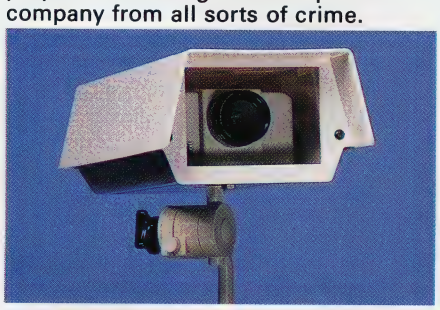
Risk areas: Monitor secluded side doors, corridors, equipment yards, tool cribs and other storage areas.

Hazardous areas: Prevent accidents or get help for one fast. You can see when people do unsafe things.

Supervision: You can't be everywhere at once. Now you can see who comes and goes. Monitor an entire night crew if you're on the premises, or have an 8 hour tape you can view in about 1¼ hours using high speed search on your VCR.

Retail Protection: Don't leave your employees alone in your store or in your parking lot or structure. Now the manager can be there to assist. And, you can have a recorded audio and video record.

Theft: From shoplifting to employee theft to vandalism, anonymity is the culprit's protection. With observation cameras, no one knows when they are being watched or when a recording is being made. It's a safety feature to protect employees from danger and to protect the company from all sorts of crime.



NOT JUST FOR WORK

You can monitor your front door, your back yard and your pool. You can even monitor the animals in your barn or your baby in the bedroom. So, if you raise animals or children, you can always keep an eye on their safety.

Always check local laws which may restrict some types of observation.

EFFORTLESS INSTALLATION

From 3 lux to 30,000 lux, you can watch what's happening with this superb new system. You'll be amazed at how sensitive it is at low light levels.

And, whatever you monitor, you'll have a superbly detailed high contrast picture.

While I wrote this ad, I had a camera aimed out the window. As it got dark, I couldn't see down the street. But the camera's automatic sensitivity adjusted, so I could see the street on the monitor almost as well as I had in the afternoon.

And best of all, the cameras are incredibly easy to install. You don't even need AC plugs where you mount them.

And, the infinitely adjustable mounting arms attach with only 3 screws to floors, walls or ceilings.

Switch on the monitor and press a camera button. All power for the entire system comes from the monitor/switcher.

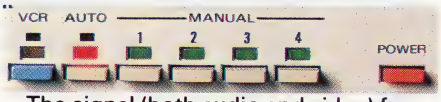
You can have one or all 4 cameras connected. And, connecting the cameras is the simplest thing of all.

This system uses standard round coax type cable, just like your home's cable TV system. Through this standard cable, Magnavox sends power for the cameras.

And, the camera sends both **audio** and **video** signals back down the very same cable. So, installation consists of simply running one standard video cable.

The monitor has a built-in electronic switcher. Most automatic switchers that I've seen in surveillance, cost hundreds of dollars. With Magnavox it's included.

You set it to lock onto any camera for a minimum of 4 seconds and a maximum of 60 seconds, or pick one camera.



The signal (both audio and video) from all cameras being viewed can always be sent to your VCR for a permanent record.

And there's more. By simply running a standard video cable, you can also watch the output of the monitor on other TVs in other rooms.

ENDLESS USES

Think of the feeling of safety you'll have when you can monitor both the front and back of your home from the kitchen or the bedroom, or both.

The monitor is 12" wide, 11½" tall by 12½" deep. Each camera is just 9" deep, 4.5" wide and 2½" tall and weighs 2½ lbs. It's made by Magnavox and backed by their standard limited warranty.

OBSERVE YOUR WORLD RISK FREE

Use it to protect your business or home, your employees, your family and your possessions. If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order Magnavox's Observation System, complete with 12" Monochrome Monitor, 4 Station Electronic Automated Switcher, Black and White Camera, 57' of Cable, and Infinitely Adjustable Mounting Arm risk free with your credit card, call toll free, or send your check for only **$299** ($11 P&H). Order No. 4415.

Each Extra Camera with Built-in Microphone, 57' Cable and Mounting Arm is just **$169** ($4 P&H). Order No. 4549.

Weather Resistant Cases are just **$39.90** ($3 P&H). Order No. 4550. CA add tax.

100' extension cables are just **$19.90** ($2 P&H) Order No. 4551. **Note: a pair of cable ends is included, so you can make your own cable, up to 300'.**

To view almost double the width you see in the picture above, there's an 88° wide angle lens for just **$69.90** ($2 P&H). Order No. 4823.

You'll have a new sense of security when you can see and hear what's happening. And, by connecting a video recorder, you can have a permanent record of the comings, goings and actions of everyone on your property.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

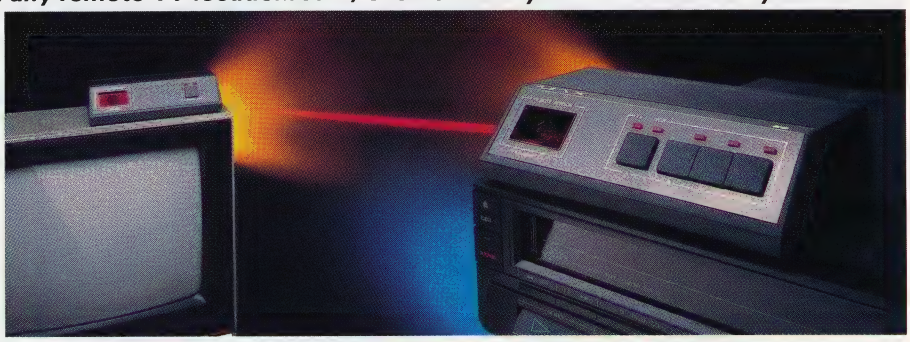
For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . .1-800-272-3200
Any Other Inquiries. 1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304

Multiple TV Fantasies

Use one VCR, Cable or a Satellite Antenna to supply programs for up to 3 remotely located TVs. Plus use your own infrared remote to control programs at any remote TV location. And, even control your CD or stereo system.

By Drew Kaplan



I like TV. I like movies. Unfortunately, I can't have a VCR or my cable connected in every room I have a TV. Well, now I can. Plus, I can control my CD player.

It's a superb new system that lets you send programs from your main video system to anywhere in your home.

It consists of a master console that hooks into your cable just before your TV. The required cables are included, and no tools are needed.

You can watch your TV as before. But now, you can send anything you're watching to up to 3 additional TVs. One receiver is included, additional units are optional.

COMPLETE REMOTE

Once you put the receiver on a remotely located TV, you can take your infrared remote control with you and use it.

It receives your infrared signal and transmits it back to the main video area where it blasts out of the main console and controls your infrared remote VCR, as if you were standing in front of it.

This system simply repeats the signal. It doesn't care whether it's audio or video. It doesn't have to learn the codes. It just repeats whatever it receives. So, you can control CDs or any infrared device.

THE BAD PART

When the first of these remote systems was developed it was wireless. But, unfortunately, the FCC didn't like the idea and banned sales.

If you've ever run coax cable, you know how difficult it is and how hard it is to put ends on the cable. Well, no more!

You'll use a very small wire, much like thin speaker wire to transmit both great quality video and remote signals.

All you need to do is route this thin ivory wire around doors, or even outside, to get to the room you want to energize.

It's really easy. And, you'll get 100' of this easy to run wire with the system. Even the ends have jacks on them, so you really don't need tools.

ENTERTAINMENT EVERYWHERE

If your family is like mine, you'll love watching a movie during dinner. If the phone rings, use your remote for pause.

If you don't have a VCR in your bedroom, now it's easy. So, for the laundry, the kitchen, the bedroom or even the garage, you can enjoy your cable, your VCR or your satellite antenna.

The system is made by Elmar. And, it's backed by their limited warranty.

REMOTE PROGRAMMING PLUS RISK FREE

Wait till you have remote control movies in your bedroom. Wait till your old TVs become instantly cable ready.

If you're not 100% thrilled, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your Complete, Easy to Install, Video Control System with a Master Console and Remote, plus all cables (your TVs will work exactly as before), risk free with your credit card, call toll free, or send your check for just **$69.90** ($4 P&H). Order No. 4923. CA res add tax.

Extra Remotes, including 100' cables and connecting cables, are only **$49.90** ($4 P&H) each. Order No. 4924.

Enjoy cable where you only had TV before. Watch movies using your VCR where you only had TV. It's great.

Time Treasures

Here are watches that travel to the boardroom, around the world, and to the bottom of the ocean. Electronic quartz makes them accurate, fine craftsmanship makes them reliable, and great designing makes them fashionable.

By Drew Kaplan

First a confession. I've been wearing a sophisticated pulse watch for years.

If you've been reading my catalogs, you know that I'm into function, not fashion. But, I am a diver.

And, when I saw these new Fashion Dive watches, frankly, they knocked my socks off. **Plus, I'm not alone**, because these styles have become the latest in fashion dress watches.

MILITARY TRUCK STOP

This black watch is built to withstand anything short of an explosion.

It is water resistant to 1625 feet. We've even rolled a truck over it. If you want a digital watch that can really take abuse and still work flawlessly, this is your watch.

It's a large watch. It won't hide on your wrist. It has all the digital features, including Time, Date, Day, Alarm, Light and Stop Watch Functions with Lap Timer. It has a 2 year battery in place.

But this watch's real claim to fame is its virtual indestructibility. It's built like a tank. It's yours for an incredible $29.90.

THE FORTRESS

From indestructibility, we move to a truly elegant fortress. This fortified, yet elegant super analog watch is dramatic.

It's very large. It has a protected, rotating contrasting bezel for timing.

And its combination of black, gunmetal grey and gold-tone, set it apart from any watch I have ever seen.

It's a man's watch extraordinaire. If you have a small wrist, forget it. But if you can wear it, this watch makes the ultimate power statement. It's as classically beautiful as it is totally masculine.

Its quartz analog movement, with 2 year battery in place, is protected to 900 feet. And, its impressive looks, with luminous hands, will stand out anywhere. It's an incredible value for just $49.90.

CHOOSE YOUR TREASURE RISK FREE

I'm awed by what's happened to watches this year. Whichever one you choose, you'll have superb quartz accuracy, elegant good looks, and great utility.

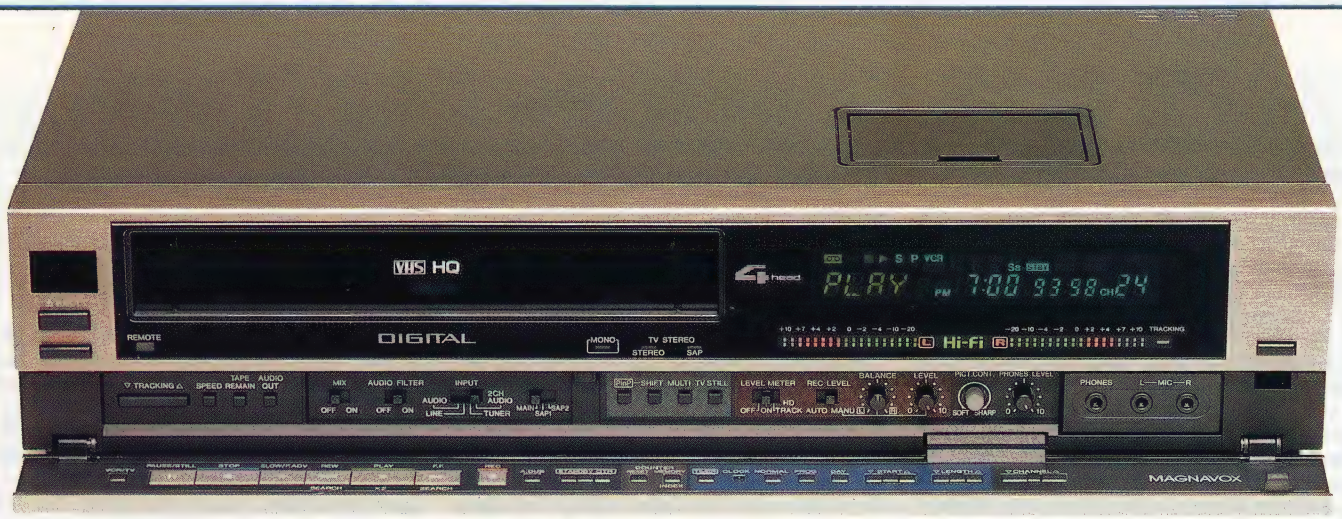
If you're not 100% satisfied, simply return the watch in its original box within 30 days for a courteous refund.

Order your choice(s) risk free with your credit card, by calling toll free or send your check.

Explosive Military toughness is yours for just **$29.90** ($3 P&H). Order No. 4810.

The Fortress is yours for just **$49.90** ($3 P&H). Order No. 4809 CA res add tax.

Rugged, great looking and useful watches are now available for the boardroom, the ocean, or wherever you choose to go.



Digital Window Maker

Imagine scanning 4 channels on-screen at once, or watching a movie and TV at the same time. Add freeze framing of live TV. Then add staggering picture quality and phenomenal effects. Plus, forget complicated timer programming.

By Drew Kaplan

It's awesome. Forget any conception of what a VCR, or for that fact, your TV can do. Magnavox's new Digital Stereo 4 head VHS HQ VCR will revolutionize your conception of video, period!

It's much more than just the finest VCR I've ever used. With its TV and video digital effects, you'll use it all the time.

Even its regular VCR features are mind boggling. For example, it tunes in up to 155 stereo cable or antenna channels without programming or presetting them.

Just touch 'Auto Find' and this VCR will automatically find and memorize all active channels on all bands, instantly. And, its digital fine tuning will give new meaning to the concept of fine tuning.

Programming is another normal feature for VCRs. But you won't have to fuss with complicated controls at the deck for recording up to 8 events over 3 weeks.

Look at the LCD window on the remote and you'll see I've selected program 1 for Friday at 7:52pm to record for 2 hours and 45 minutes on channel 24.

Just sit down with your TV guide. When you've entered everything you want to record, just touch transmit and the VCR will be programmed.

DIGITAL MAGIC

The frequency synthesized tuning really captures superb reception. The 4 head HQ deck uses digital tracking to digitally match this deck to the recorded tape.

It even matches the HiFi track so you'll always experience the incredible 20-20,000hz frequency response and 80db plus, signal to noise ratio of VHS HiFi.

But, it's the awesome remote control and the digital capabilities which this deck gives you that make it thrilling to use.

WIZARDRY IN YOUR CONTROL

Stop the action digitally on tape or on live TV. You'll see still frame clarity and stability that's awesome. When you're watching a live ball game, just touch TV still, and you can freeze a baseball as it crosses the plate.

Then you can add picture in picture which lets you watch the continuing action while you study the still picture.

When you're playing back a tape, you can also press Still and get the same digital still frame. Plus you can add incredible digital fine slow motion.

You'll have infinite control of the speed of the slow motion playback. There's even slow motion tracking on the remote for totally noise free action.

Of course, there's picture in picture so you can monitor TV while you watch a tape, and a button shifts the small window with the full screen.

TV WONDER

Imagine that you're watching channel 2. Touch 'Channel Search' and the screen will break into 4 windows. You'll see still images of channels 3, 4, and 5 as well as a live image of channel 6. What a wonderful way to keep track of all your options.

The volume is controlled from the remote so you really can forget about your normal TV's remote.

There's also 'Strobe' which breaks the incoming picture on TV or tape into a series of moving stills. It's great for studying the action.

And, you can break the screen into 4 windows, each showing a still of the ongoing action. When you pick up the awesome remote control for Magnavox's digital system, you'll thrill to your new-found video experiences.

DOES IT ALL

Everything, from one touch timed record to the time remaining to be recorded on a video cassette, is included.

Space limits the description, but I haven't found a single feature that I've ever seen on any other deck that isn't included or enhanced on this new deck.

It's backed by Magnavox's standard limited warranty.

THE POWER OF VIDEO WINDOWS RISK FREE

I simply can't put down the remote control. It's given me a whole new view of TV and video recording. It's amazing.

If you're not 100% thrilled and frankly knocked off your feet by the picture quality and the unbelievable (until now) control, simply return it in its original box within 30 days to DAK for a courteous refund.

To order Magnavox's new Stereo VHS HiFi 4 Head Digital VCR with HQ and Automatically Set 155 Channel Frequency Synthesized Tuning, Digital Still, Digital Double Fine Slow, TV Still, Picture in Picture, Strobe, Channel Search and much more risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just **$999** ($19 P&H). Order No. 4869. CA add tax.

It's not just an improvement in VCRs. You'll be experiencing an incredible new era in all your video viewing.

$2 & $3 Freebies For You

Use FREE programs to print 10' long banners, play blackjack, add spelling to the built-in Wordstar and squeeze files up to 50% that you're saving to cassette, disk or sending by modem. Let me tell you how.

By Drew Kaplan

You've got it all. You can harness the power of up to 280 electronic bulletin boards that carry FREE Public Domain CP/M programs, messages and help.

Add footnotes to Wordstar files, create mazes, print out 1,000 limericks, lock disk files, rename files, identify cities from telephone area codes, and tag files.

You can view text files, count words in a text file, create word search puzzles and play games. Whether you already own an Epson Geneva or any CP/M computer or want to buy one, the Public Domain software available is awesome.

THE BEST PART

With this computer, you already have a built-in modem so there's nothing else to buy. And, because most files are squeezed, it doesn't take long to download (get) them from the bulletin boards.

You really don't need anything from me, but I've stumbled on a **national** list of CP/M bulletin boards. And, if you want to see a sample of what you can get from these boards, I've created both a 3½" disk and cassette with a few samples, including a banner program, a squeeze program, a blackjack game and more.

All you really need is **'The List'** of bulletin boards and the step by step instructions. But, if you're lazy or shy about getting on-line, I have the samples.

Special Note: Wednesday nights on CompuServe at 11PM Eastern Time, there's a special Geneva forum where you can ask questions and discuss software for this powerful computer.

AMERICAN CANCER SOCIETY

Computing, and for that matter running DAK, has always been a hobby for me since I started DAK 22 years ago, when I was a student at UCLA.

I want you to get the most out of your computer. So, DAK will donate to the American Cancer Society all proceeds from the sale of the List, Cassettes or Disks beyond the costs for printing, disks, cassettes, duplication, typing, packing and postage etc.

URGENT, DON'T CALL DAK

I've set up a special P.O. BOX for this service. Send your order with checks only (no cash or credit cards) to DAK, P.O. BOX 3046, Canoga Park, CA 91306.

To order, use the words 'CP/M List' for **$2** ($1 P&H). Order No. 4890. And/Or choose the 'CP/M Cassette' for **$3** ($1 P&H). Order No. 4891. Or, the 'CP/M 3½" Disk' for **$3** ($1 P&H). Order No. 4892. CA res add tax.

Please no phone orders or phone inquiries. All information must be handled through the P.O. BOX. Even if you order anything else from DAK, these items still **MUST** be ordered separately.

Computer PT Boat

It's a swift, incisive, 5 pound powerhouse armed with MicroPro's powerful Wordstar Word Processing and Calc Spreadsheet Programs. This 64K briefcase portable is ready to sink battleship sized desk PCs. Add 2 modems, more software and a superb near letter quality printer, and it's a $1,968 retail value, price blasted to just $499.

By Drew Kaplan

Attack wasted time. Work where and when **you** want. Connected to, or competing with a desk top PC, Epson's portable computer is a perfect **main** computer or **companion** to one you have.

And competing with a desk top computer for most applications, is no idle joke. Wait till you read about the power and versatility of this computing system.

And, at only 5 pounds, **including** its built-in ni-cad batteries, it fits easily in your briefcase without filling it up.

So, you can have full word processing, spreadsheet analyses/projections, telecommunications and computing power wherever you are, without having to look for a desk or even an AC plug.

I can't overemphasize what a powerful word processing system this is. It's a perfect MAIN COMPUTER.

Its full size keyboard is 98.6% the size of a standard typewriter, so your hands won't be cramped after hours of typing.

And what's most exciting, is that instead of transferring the work to my PC when I get home, I like the keyboard on the Geneva so well that I'm finishing what I start, right on the Geneva.

Its non-glare, infinitely adjustable, high resolution, full 80 column, 8 line LCD display with full 25 line access, won't give you eye fatigue.

It has battery backed up memory in the form of an instant access RAM disk, which you'll use much like a hard disk.

And, it has infinite capability to store files through its unique, on-board microcassette drive which functions more like a floppy disk drive than a cassette drive.

Imagine a microcassette drive with a file directory and high speed access to the beginning of the specific file you want. It knows exactly where each file is.

Now, you'll **NEVER** waste time when you are stuck waiting, traveling on a train, a plane, or sitting in a hotel room.

So, whether you're a writer and/or a company president as I am, or a student as I once was, this computer will let you be incredibly more productive.

If you're an accountant, which I'm not, you can run spreadsheets and models with the 16,384 cell Calc program.

However, you'll be amazed at how easy it is to use this spreadsheet program and all the things it can do for you. It comes with a great tutorial which will have you projecting your own sales, pro-

. . .Next Page Please

. . .Geneva Continued

fit, and more in just about an hour.

Plus there's a scheduler program for setting up appointments with day by day calendar screens that you can print out.

Of course, there's a vast reservoir of programs you can buy or download **FOR FREE** from electronic bulletin boards by using the included modems.

IT GOES WHERE YOU GO

During the day, you can use it at your desk, in the warehouse or in the field for work. It's simply great for writing, inventory taking or sales forecasting.

At night, take it home to finish a project. Then using its internal modem, you can study your stock portfolio or log onto bulletin boards to check the latest price of gold, the status of your stocks, play games or download new programs.

And look at this bonus. If you're at all shy about using modems, we've included a $39 value (we sold it for $24) CompuServe Membership Package, with $25 worth of free on-line time. Most bulletin boards are free, but CompuServe has some great things for Genevas.

HOT LINK

You can directly connect this Epson computer to any IBM PC or Clone or virtually **any other computer** with a serial interface and any standard communication program, simply by using its cable.

You can download (receive) a file from your desk PC to the Epson to take with you, or upload (send) a file from the Epson to your desk PC for your secretary.

In fact, this system is an incredible replacement for a secretary's typewriter. Portable WordStar will let you edit, correct and even move paragraphs or sentences at will. A letter won't have to be retyped and reproofed if a change is made.

If you already use WordStar, you know why it's the most popular word processing program in the U.S with an estimated base of 3,000,000 users.

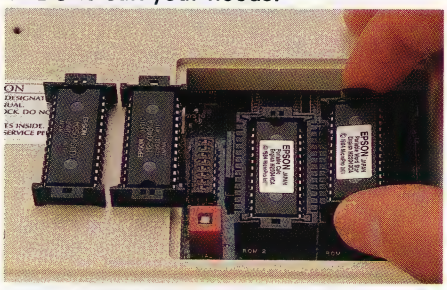
If you use another program, don't despair. You can still send the file. You'll just have to use it under the commands of your program.

ALL THE THINGS YOU'LL GET

Epson's 64K Geneva Computer has a suggested retail of $995. It is just 1.87" high, 11.58" wide and 8.42" deep. It has 3 CPUs. It has 72 keys. Plus 'Number Lock', lets you have a standard 10 key pad for fast entry of numerical data.

You'll have up to 10-20 uninterrupted hours of computing from its internal nicad batteries. Then it will automatically shut down. Even after battery-low shutdown, your memory will be protected by the internal backup battery.

Of course, the AC adaptor/charger is included. So, you can operate from AC or DC to suit your needs.



This $995 Computer comes complete with 4 powerful software programs plus a group of Utility Programs. The programs are stored on ROM Chips (see below) that simply slip into either of 2 sockets on the back of the computer.

Again, like a hard disk, these ROM chips are fast and load automatically. You get Portable WordStar, Portable Calc and Portable Scheduler. Plus you get a powerful form of Basic. This system can run virtually any CP/M programs.

There are two ports on the back of the Geneva. One is a serial port for the optional disk drive(s). The other is a fully programmable RS232 serial port for the superb printer we have included. Or, you can use it to communicate with other computers and external modems.

Of the total 64K in this computer, you can actually store files in a 24K RAM disk. The balance of RAM is used for running your programs. But, look!

THE FLYING WEDGE

Epson makes a $360 accessory (I've included) called a Multi-Unit, which gives you an added 64K RAM disk.

It's a small wedge that attaches to the bottom of the computer and doesn't increase its footprint on your desk at all.

And there's more. Inside the Multi-Unit Wedge is the 300 baud auto-answer, auto-dial, Tone & Pulse Modem. It comes with a modular phone cable that you plug into any standard phone jack.

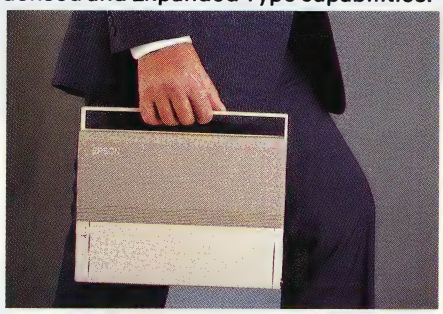
You'll also get Epson's $129 acoustic coupler modem (included). It fits on pay phone and hotel room handsets.

PRINTER HEAVEN

We've acquired a superb $299 List Price NLQ (Near Letter Quality) printer from Seikosha, Epson's sister company. It can take single sheet plain paper or letterhead or fan fold computer paper.

And its printing is so good that I think ***Near*** Letter Quality doesn't do it justice.

It's fast, quiet and easy to use. It's AC powered. It features Bold, Underline, Condensed and Expanded Type capabilities.



THE BEST FREE PART OF ALL

We've written an easy to understand, **step by step** instruction book that really gets you going with this computer.

WHY SO CHEAP?

It's a terrific $1,968 system. And, that's just the problem. Epson designed and built very sophisticated equipment. But they relied on salespeople to explain what was needed to consumers.

Many salespeople don't understand why you need each component.

Enter DAK. Epson was stuck with 6714 computers. We made them a ridiculously low offer for everything. Well, 6714 computers isn't very much to a company the size of Epson, so they accepted.

Every Epson Component is backed by Epson's standard one year limited warranty. And, the printer is backed by Seikosha's 2 year limited warranty.

THE COMPLETE COMPUTER SYSTEM RISK FREE

Just imagine working at your desk, on the patio or in a hotel room. I actually wrote an ad on a flight from Atlanta to Boston. I'm 100% sold on this computer.

If you're not 100% satisfied with its typing or computing or communications capabilities, simply return it in its original boxes within 30 days to DAK for a refund.

To order your Epson Geneva 64K portable computer complete with Portable WordStar, Calc, Scheduler, Basic and CP/M Utilities, On-Board Direct Access Microcassette Deck, Built-In Ni-Cad Batteries, AC/Charger Adaptor, Extra 64K RAM Disk Wedge with 300 Baud Modem, External 300 Baud Acoustic Modem, Communication Software, NLQ Sheet and Fanfold Printer, plus Cable and Connectors, forget the suggested retail price of $1,968. Call toll free or send your check for DAK's incredible close-out price of just **$499** plus **$18** for P&H. Order Number 4610. CA res add tax.

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OPTION

If you don't need a modem and you're into writing long novels, we have the complete system less the modem and CompuServe package, but with a Wedge that gives you a 120K RAM Disk (Wow that's 120,000 characters without saving to cassette or disk!) for just **$599** ($18 P&H). Order No. 4612.

Note: You can still use an external modem.

For the many people who already own basic Genevas, you can purchase the $460 retail, 120K RAM disk for just **$200** ($5 P&H). Order No. 4613.

OPTIONS FOR EVERYONE

For massive storage we have Epson's state of the art 3½" floppy disk drive. It's rated at 320K. It has internal Ni-Cad Batteries and an AC Adaptor/Charger. Epson's retail is $599, plus $19 for the Cable and $17 for the Utility Disk for the drive. It plugs directly into the Geneva's serial port and boots automatically. This $635 value is yours for just **$189** ($5 P&H). Order No. 4614.

A box of 10 Double Sided Double Density 320K Floppy Disks is just **$34** ($1 P&H). Order No. 4615.

High Grade 30 Minute Microcassettes are just **$2.90**. ($0.50 P&H). Order No. 4616. 60 Minute Microcassettes are just **$3.90**. ($0.50 P&H). Ord. No. 4617.

The Seikosha printer comes with a unique long life ribbon (up to 2½ million characters). Extra ribbons are just **$7** ($1 P&H). Order No. 4618.

You'll receive a list of software that DAK stocks for the Geneva, including Ashton-Tate's dBase II, and the step by step instructions with your computer.

For your desk, your home or for the great outdoors, you'll be able to write, forecast, and compute with mammoth power and in real style. Like a PT Boat, this computer moves in fast and does the job while it lets you escape the chains of traditional deskbound PCs.

Explosive Automation

Your stereo system's sound will explode with life and you'll thrill to the ultimate in automation. Imagine 6 discs played in any order you choose, or totally randomly. Imagine computer timed dubbing. And, wait till you see DAK's price.

By Drew Kaplan

It's shocking. From the awesome digital sound produced by this 16 bit, 3-beam laser pick up system to its 6 disc capability, this new multi-disc CD player will explode any perception of sound quality and automation you've ever had.

Before we explore the sound you'll hear with a 5hz to 20,000hz frequency response, 96db signal to noise ratio and 96 db dynamic range, let's look at automation like you've never seen before.

AWESOME CAPABILITIES

OK, it plays 6 discs automatically. That's pretty impressive. You can program up to 32 choices (including complete discs) to play in any order.

Well, that's impressive, but it's more than the rest, not different.

But this is. This CD player can randomly choose selections from 1) a single disc, 2) from the 32 selections you have chosen, or 3) from all 6 discs.

Now you can enjoy your favorite music without fatigue. Now you won't know which song is coming next. But you'll still have total control of the randomized songs.

But there's more. If you want to copy songs onto cassettes, not only do you have complete programmability, this incredible machine even pauses at the end of each side of your cassette.

Since it knows how long each song is, at 45 minutes (half a 90 minute cassette), this machine will pause. So, you'll never have to calculate which songs will fit on a cassette again.

So, for an hour, an evening or a lifetime of music, this machine will never stop.

EVERY IDEA INCLUDED

OK, you've got 6 discs loaded, the memory programmed but you want to listen to another disc. Well, there's no problem. 5 of the discs fit into an instantly removable changeable magazine. The 6th disc is held in a conventional tray.

So, you can change the 6th disc at will without ever losing your programming.

OUTER SPACE

No expense was spared in the design and manufacture of this 'beyond the top of the line' player from Sharp.

Everything you'll want to do is accomplished by pushing direct action buttons. And, every function is duplicated on the remote and the player itself.

You can select any of the 6 discs. You can randomly select tracks. You can enter all programming, Random Play, Programmed Play or Repeat Play. Wow!

You can even enter the dubbing mode for timed cassette record and you can bring up any of the displays, including Selection, Track Time and Total Time.

You can control Play, Pause, Stop, High Speed Search, Next and Previous Track, and virtually any function that I've ever seen on a CD. But, don't forget to add a 6 behind each of these controls.

BUT IT'S THE SOUND

CD gives you a signal to noise ratio of 96db. There is absolutely no hiss, no scratch, and best of all, no surface noise.

Conventional records and tapes have a dynamic range of perhaps 50db. Dynamic range is simply the difference in sound level (volume) between the softest and loudest recorded sounds.

CD gives you a 96db dynamic range, which is roughly equivalent to the difference between absolute silence and standing next to a jet engine.

Your music will be dramatically more exciting. You won't have to carefully compare CD to conventional sound. From the very first note, you'll be in shock. It's as if the the world was just created and you are listening to newly born, virgin sound.

Imagine listening to music with a frequency response from 5hz to 20,000hz +0.5db -1db. Wow! Imagine sound so pure that harmonic distortion is just 0.004%. And, if you're into zeros, flutter and wow is "unmeasurable".

THE TRUTH ABOUT CD SOUND

This is the finest CD player I've ever used. But, honestly, any good $150 CD sounds perfect. The specs are so far beyond human hearing that, short of the cheap unknowns that may be badly assembled, all CDs will knock your socks off.

The chief advantage of this remarkable machine is its **superb construction** which should give you years of superb entertainment, and it's incredible ability to manipulate 6 discs to let you enjoy your music like never before.

There's no question in my mind that this incredible new Sharp CD has found a permanent home in my system. It's backed by Sharp's limited warranty.

EXPLOSIVE AUTOMATION RISK FREE

Wait till you experience the sound. Wait till you record cassettes automatically. And, wait till you hear your favorite songs randomly played for you. It's all an incredibly thrilling experience.

If you're not 100% thrilled, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your Multi-Play Sharp 6 CD Player with 3-Beam Laser Pick Up System, Heavy Sampling, Random Play, 32 Program Selected Play, Automatic Timed Dubbing Capability and **MORE**, risk free with your credit card, call toll free, or send your check for DAK's market breaking price of just **$349** ($8 P&H). Order No. 4841. CA res add tax.

It's smarter than most computers. It sounds better than a symphony orchestra producing a full crescendo, and DAK's price should shake up the industry. Wait till you experience all that this superb 'feat of engineering' has to offer.

15" Thundering Subwoofer

Man's best friend meets the audiophile's best friend at an earthshaking bone jarring new price. Now you can add the impact of a 15" subwoofer to any stereo system for just 99⁹⁰.

By Drew Kaplan

A puppy may be man's best friend. Woof, Woof. . .But, now I've got a new friend you can add on to your stereo system. It doesn't need to be taken on walks, washed or fed. But, it makes a great cocktail table for you when you're being fed. And, oh what a woof it has.

GREAT SOUND FOR EVERYONE

It's called a subwoofer. And, normally it is the beloved pet of only the most ardent audiophiles.

It's not generally understood that it can be used with virtually **any speaker system** in **any stereo.** And, in addition to substantially increasing and perfecting the bass response, it has a significant impact on the mid-range clarity too.

Before I tell you exactly how marvelous your stereo will sound when you connect this subwoofer to it, there are two things you should know.

First, you'll be getting your new friend at a phenomenal price. DAK has sold over 10,000 of Cerwin-Vega's 12" subwoofers. They had a retail price of $332, but we sold them for $164⁵⁰.

Second, your new friend comes complete with a paid up health insurance policy in the form of a 2 year limited warranty from its father, BSR.

By the way, the puppy sitting on top of the subwoofer is the same puppy I used with Cerwin-Vega's, but wait till you hear what's under him now. You'll have BSR's 15" massive infusion of explosive bass, added to your system for just $99⁹⁰.

But don't be misled. BSR bass is clean and tight; never sloppy or overpowering. It adds a feeling of depth and fullness to your music that you simply can't get with two or 3-way speaker systems.

HERE'S WHAT IT DOES

Basically, the problem with most speaker systems is that the bass overpowers the system. In a 3-way system, a woofer may be crossed over at about 800hz. And, in a 2-way system as high as 3000hz.

So, the woofer must handle movements of up to an inch at frequencies below about 80hz, while at the same time attempting to reproduce the very fine vibration type movements of the mid-range frequencies.

It is this difference in movements that causes both the bass to be weak or not precise, and the mid-range to become muddy (intermodulation distortion).

Even the best 3-way systems fall prey to these problems. And, it's why a subwoofer can do so much for your mid-range clarity as well as your bass.

PROBLEM SOLVED

BSR's subwoofer has a specially engineered crossover network that sends frequencies above 120hz to your regular speakers and reproduces just the mammoth movement frequencies from 120 hz down to 22hz with a special floor firing dual wound super subwoofer.

If you have downstairs neighbors, this subwoofer isn't for you. The woofer is a very special hybrid. It has a mammoth one and one half inch voice coil which allows the speaker to make the very large movements required to reproduce the very low frequencies.

But, it would do a lousy job of reproducing mid-range, which is why, cost aside, manufacturers don't put big voice coils in normal 10" or 12" woofers.

To make the massive movements accurate, this woofer has a very large magnetic structure. This magnetic structure also makes the subwoofer system extremely efficient. (The sensitivity is 91.5 db at 1 watt at 1 meter.)

So, whether you have two or three-way speaker systems, with 8", 10" 12" or even 15" woofers, you'll find the sonic improvements staggering.

You'll hear and feel the awesome effect of thunder rumbling through your home. You'll hear a depth and dramatic fullness to your music that won't be heavy but will thrill you with its massive strength.

Here's a 'floor's eye view' of the subwoofer. You'll feel and hear bass so alive, you'll think it is.

EASY HOOKUP

It's easy to connect. Simply run the right and left speaker wires from your amplifier to the input terminals of the subwoofer. It works with any system from 20 to 150 watts per channel.

Then, you simply connect the speaker wires from your two standard 8 ohm stereo speaker systems to the output terminals on the subwoofer. They receive the exact signal that they did before except that everything from 120hz down is routed only to the subwoofer.

Placement of your regular speakers is just as critical as usual for stereo imaging, but the subwoofer can be placed anywhere because low frequency material is totally non-directional.

The subwoofer makes a perfect cocktail or end table. Its rich wood-tone appearance matches any decor. It is 24½" long, 16¼" high and 20" wide.

TRY AUDIOPHILE'S BEST FRIEND RISK FREE

The fullness, richness and depth is awe inspiring. Wait till you connect this subwoofer to your system and experience truly massive force from your music.

If you aren't 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order BSR's Thundering Subwoofer with its dramatic 15" Dual Wound Voice Coil Subwoofer risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **$99⁹⁰** ($14 P&H). Or. No. 4514. CA res add tax.

You can't replace the love and softness of a warm puppy. But, wait till you experience the richness and depth this subwoofer will add to your bass and the clarity you'll hear in your mid-range.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

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For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . .1-800-272-3200
Any Other Inquiries. 1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304

Thunderstruck

It's like riding a roller coaster. You never know what to expect next. About the only thing you can be sure of is that you'll have great sound from this magical new deck. It's yours for just $149⁹⁰, with no catch.

By Drew Kaplan

It's no secret. You can see that it's a double deck for dubbing. You can also see that it features auto reverse for non-stop entertainment.

And, you can even see that it has high speed dubbing for expanding your tape collection or making tapes for your car or personal stereo.

But, what you can't easily see is what you're going to get when you add up all these sophisticated innovations and then throw in some surprising extras.

STRANGE EGG

And speaking of strange extras, what would you think of being able to listen to two tapes at the same time. It's great for mixing vocals, but it's a feature that I've never seen before.

But, let's look at some everyday useful features that make this deck totally unique and superbly useful. Of course, it has a frequency response to 17,000hz, so whatever you do will really sound great.

First, let's just listen to a tape. Just put the tape in deck '1' and activate the 'soft touch' play button. Well, that's really too simple. Let's listen to song 3 on side two of the tape.

This deck features forward and reverse APSS. Just touch forward APSS and the deck will locate the beginning of the next song on the tape and start playing.

If you'd like to skip the rest of the song or continue skipping songs, just press forward APSS. If you're listening to a song you'd like to hear again, just touch reverse APSS. The deck will locate the beginning of your song.

Since APSS locates the beginning of each song on your tape, this feature will make it really easy to choose the exact order in which you want to copy songs. APSS even allows you to have the deck pause at your song.

If you noticed above that I said song 3 on **side 2** of the tape, it must be clear that this is an auto reverse deck and that APSS will search both sides of the tape.

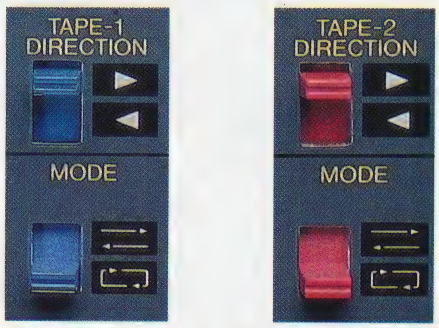
When you're playing a tape, the deck will reverse automatically at the end of a cassette, or at any time you touch the 'Tape Direction Button'.

JUST THE BEGINNING

Just imagine listening to both sides of a cassette and then having a second cassette start to play both sides on and on, forever. Well, this deck features sequential play between its two decks.

So, you can listen to 3 hours of **unrepeated music** from 2 standard 90 minute cassettes. Then, the second deck will keep repeating, forever.

Both decks give the option of conventional one-way play or continuous play. Now you can have uninterrupted music while you work or while you relax. **And, isn't that what enjoying your music is all about?**



AND OH, DOES IT RECORD

Imagine putting a recorded tape in deck '1' and copying BOTH SIDES automatically. Well, with Sharp's new deck, that's exactly what you'll do.

You can copy **both** sides of a prerecorded tape onto a **single** side of a 90 minute cassette automatically. (Both decks can reverse totally independently.)

You can duplicate at normal or high speed. So, you can make copies in half the time of both sides of your cassettes.

This deck has electronic high speed dubbing. Each of its decks has 2 capstans for rock stable tape transport. About the only thing this deck doesn't have is Dolby C. But with its 66db signal to noise ratio with Dolby B, it sounds great.

Note: When you copy tapes, you turn off Dolby. If the tape is already encoded with Dolby B or C, the copy will be identically encoded as well.

Add Sound On Sound. If you sing, this is the deck for you. Here's what you do. You can play a music tape on deck '1', plug in a mike and sing along while you record everything on deck '2'.

Or, if you're really into professional applications, look at this. Plug in a mike and record your own voice on deck '2'.

Then play the tape back on deck '1' and copy the tape onto deck '2'. While the tape is being copied, you can add yourself singing harmony. In this way, you can be a duet, a trio or even a chorus.

ROUND AND ROUND IT GOES

It goes forward. It goes backward. And, it goes round and round. Just wait till you see this recorder in action.

You'll sit mesmerized as one tape stops and the other starts. Then it reverses and goes back and forth and back and forth. Are you getting sleepy?

Except for the occasional click as this machine changes decks or reverses direction, nothing will disturb your music for as long as you want with this incredible new deck.

Each deck has its own equalization switches to match tape type. Each deck has full play, pause, and reverse controls. Deck '2' is the deck that records.

The deck is 17" wide, 4¾" tall and 9¾" deep. It's backed by Sharp's standard limited one year warranty.

BE THUNDERSTRUCK RISK FREE

Wait till you hear the clean pure music that this deck will produce. Wait till you get your hands on its solid controls. Wait till you enjoy uninterrupted hours of your favorite music from two different cassettes. And finally, wait till you copy both sides of cassettes automatically.

If you're not 100% satisfied, simply return this deck in its original box within 30 days for a courteous refund.

To order your Sharp Dual Cassette Deck with High Speed Dubbing, Sequential Automatic Play, Dual Auto Reverse, and much more, call toll free, or send your check for DAK's breakthrough, no catch, price of just **$149⁹⁰** plus **$6** for postage and handling. Order No. 4521. CA res add tax.

Sure it's fancy. Sure it does just about everything but fly. But, what you'll really love is the sound quality and the musical freedom you will enjoy from now on.

DAK
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TOLL-FREE ORDER LINE
For credit card orders call 24 hours a day 7 days a week
CALL TOLL-FREE. . .1-800-325-0800
8200 Remmet Ave., Canoga Park, CA 91304

The Day The Earth Shook

You can set off seismographs with the enormous power of this 300 watt (150 X 2) audiophile integrated amplifier and digital tuner, or reproduce the sound of a pin dropping, flawlessly, at a really earthshaking price!

By Drew Kaplan

The excitement is back. After 5 years of boring 20 to 50 watt per channel non-dramatic sounding amplifiers, Scott is igniting your music again!

Of course, with the avalanche of CDs being sold, Scott doesn't have much choice. High power and super fast slew rates are needed just to keep up.

So, Scott has attacked distortion and dynamic restriction at its source with these new, top of the line, components.

With CDs your sound can go from 0db to 90db instantly. And, while CDs can even make an old tube amplifier sound terrific, wait till you hear them through this enormously powerful amplifier.

In fact, wait till you hear any source material open up and become free and vibrant with new life.

But, before we explore the nuts and bolts of Scott's 300 watt (150 watts per channel from 20hz to 20,000hz with no more than 0.009% THD) amplifier, let's look at the special extras.

SCULPTURE YOUR SOUND

There's a built in 7 band graphic equalizer. With an equalizer, you can bring crashing cymbals to life or energize the sound of a string bass without destroying any of the mid-range.

With the aid of this equalizer, you won't just hear a string bass, you'll feel it. It will become a living, breathing, resonant part of the music. There's so much life, you'll be amazed.

And, you'll thrill to the impact of a cymbal crash or the gentle nuance of brushes on a snare drum. With the clean power of this amp and the ability to 'detonate' the high and low frequencies, you'll simply be thrilled by your music.

MORE CONTROLS

With this 150 watt per channel integrated amp, you can operate 2 pairs of stereo speakers with power to spare. And speaking of power, there's a Bass Boost which adds 9.5db at 50hz.

There's an electronic volume control which isn't subject to mechanical aging that causes clicks, pops and static in traditional controls. Just touch the bar to raise or lower the volume.

You'll have individual buttons to choose between Tape, Phono, Video, CD or Tuner inputs. And an Icon you can see from even across the room, lights to show what you've chosen.

And, you'll want to know what's selected, because you'll control power, up/down volume, and mute plus, select Phono, Tuner (AM or FM with 8 Presets each), CD, Video/Aux, or Tape Monitor from the **included** infrared remote control.

Now you can sit back and switch stations or inputs, or adjust volume whenever the phone rings.

QUARTZ-LOCK TUNING

It's Scott's new top of the line tuner. And, as you'd expect, you're going to get great AM and FM stereo reception.

Tuning is controlled by an advanced quartz PLL (Phase Locked Loop) digital synthesizer tuning system. The system compensates for any change, assuring you of a crystal clear, stable signal.

In addition to the 16 presets (8 AM and 8FM), you can 'Scan' stations manually, or you can automatically seek the next broadcasting station.

There's a Mute/Stereo/Mono button which effectively mutes out weak stations and noise. You can defeat Mute/Stereo and lock in on even the weakest stations in Mono if you wish.

I've always found that AM tuners in receivers weren't very good. Well, Scott has improved AM reception.

First, the power supply for this separate tuner is actually in the integrated amplifier. Although the tuner is a separate component, only low, non-interfering voltage is supplied to the tuner.

LEDs show when a station is 1)'locked in', 2)broadcasting in Stereo, and 3)the signal strength. If you tape a lot off FM as I do, this synthesized tuner's capability to lock in stations is remarkable.

BUT IT'S THE POWER

Sensitive LED power meters display 0.01 to 200 watts of power. But, you won't have to see the output power to experience its awesome effects.

Whether you have a CD or not, more power doesn't mean louder. It means cleaner, unconstricted sound that is transparent and literally exploding with life.

With 150 watts per channel, your soft listening will gain depth and fullness. And, your loud levels will not suffer clipping and dynamic restriction. Of course, you may be restricted by your neighbors, but that's not Scott's problem.

CHECK THE SPECS

Scott was a household name in the 60s while I was growing up. Let's see how they've grown up too.

The frequency response of this amp stretches from 10hz to 60,000hz. It has a 90db signal to noise ratio. And the equalizer can alter the frequency response by ± 10db at 63hz, 160hz, 400hz, 1000hz, 2500 hz, 6300hz and 16,000hz. It's backed by Scott's limited warranty.

MAKE THE EARTH MOVE RISK FREE

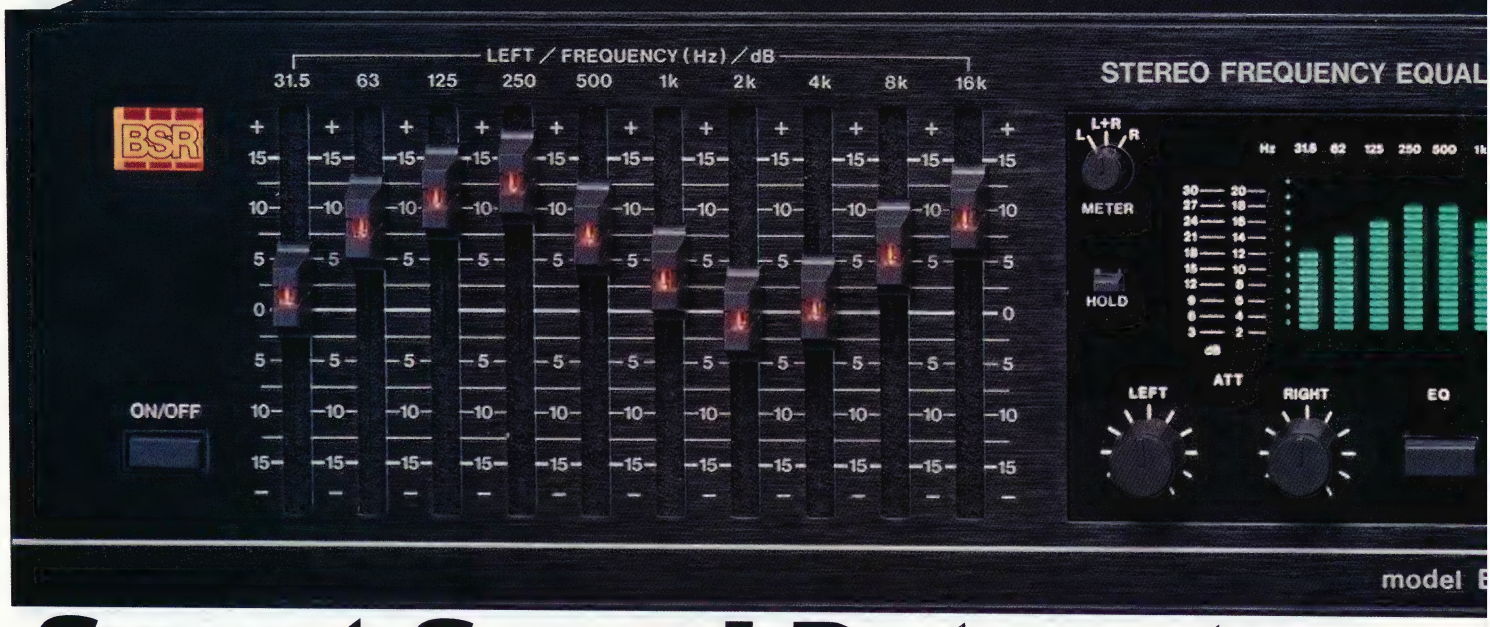
Awesome power will make your music throb with life. Now you can enjoy the true impact of CDs and make any music you listen to, a thrilling experience.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Scott's Top Of The Line 150 Watt Per Channel Integrated Amplifier and Tuner with 7 Band Equalizer risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **$399** ($14 P&H). Order No. 4885. CA res add tax.

150 watts per channel of pure power and a quartz locked digital tuner will make your future years of music listening an on going fabulous, if not earthshaking, experience.

FLASH We've been lucky enough to get another production run of this incredible equalizer at the same $149 close-out price!



Smart Sound Detonator

Obliterate the wall between you and the individual instruments in your music. Infuse your own stereo system's sound with a breathtakingly vibrant 30 to 50% improvement in sound quality that you can measure with this superb BSR Equalizer/Spectrum Analyzer limited $149 close-out.

By Drew Kaplan

Close your eyes. Touch a button. And you'll hear your stereo system literally explode with life.

You'll hear the gentle brushes on a snare drum, the startling bone-jarring realism of a thunder clap, or the excitement of a full cymbal crash.

You'll hear string basses and other deep low instruments emerge from bass (that will sound murky by comparison), with such clarity and such definition that you'll feel you can almost touch each instrument.

This astoundingly distinct yet powerful bass adds such a full bodied warm feeling to your music, you'll feel as if you've been lovingly wrapped in a warm soft blanket on a cold winter's night.

But don't take my word for the sound quality improvement. With the Pink Noise Generator, Calibrated Electret Condenser Mike and the 220 Element Spectrum Analyzer, **you can** instantly measure each and every improvement you make.

Plus, there's more. A subsonic filter effectively adds the equivalent of many watts onto the power of your amplifier.

Plus, with its provision for two separate tape decks including two way dubbing, you'll have much more than just greatly improved sound.

You can count on great sound from this top of the line Equalizer/Analyzer. It has a frequency response from 5hz to 100,000hz ± 1db. And, it has an incredible 100db signal to noise ratio.

BSR, the ADC equalizer people, make this super Equalizer/Analyzer and back it with a 2 year standard limited warranty. Our $149 close-out price is just a fraction of its true $379 retail value.

FIRST THE EQUALIZER YOUR STEREO'S HIDDEN SOUNDS

Your stereo can sound incredibly better. Just a 5db roll-off at the high end, up around 14,000hz to 16,000hz, can just decimate the harmonics that give you the open feeling you'd experience at a live concert. A similar roll-off at 60hz, causes the fundamental bass notes to just fade away into the 'murk'.

An equalizer isn't some magical device that manufactures sounds that don't exist. Most of the frequencies that will make your music really vibrant, are actually already recorded in your music.

You'll be able to prove this with a few simple tests we'll try when we discuss the Spectrum Analyzer.

You see, certain frequencies are simply not reproduced with as much volume as are the mid-range frequencies which stretch from about 800hz to 2,000hz.

An equalizer simply lets you establish accurate control of all frequencies to fit your equipment, your recordings, your taste, and your listening environment.

TOTAL MUSICAL CONTROL

And, what a job it can do. It's totally unlike bass and treble controls which simply boost everything from the mid-range down for bass, or everything up for treble. You can boost the low-bass at 31.5hz, 63hz and/or 125hz to animate specific areas or instruments.

And, when you boost the part of the bass you like, you don't disturb the mid-range frequencies and make your favorite singer sound like he has a sore throat.

The high frequencies really determine the clarity and brilliance of your music. The problem is that highs are very directional. Wherever you move in your listening room, you'll find a big difference in high end response, as you'll see when we test the Analyzer.

No recording engineer or equipment manufacturer can even begin to control your listening environment.

You can control the highs at 4,000hz, 8,000hz and/or 16,000hz, to bring crashing cymbals to life at 16,000hz while at the same time you can cut tape hiss or annoying record scratches at 8,000hz.

But there's more. Don't leave out the mid-range. You can boost trumpets at 300 to 500hz or a clarinet at 1000hz. You can boost or cut any part of the frequency spectrum a full ± 15db.

TAPE DECK HEAVEN

You can push a button and transfer all the equalization power to the inputs of two tape decks. Now you can pre-equalize your cassettes as you record them and get all the dramatically enhanced sound recorded right on your cassettes.

This is an especially great feature when you play your cassettes on bass-starved portables or high-end starved car stereos.

SIMPLY PLUG IT IN

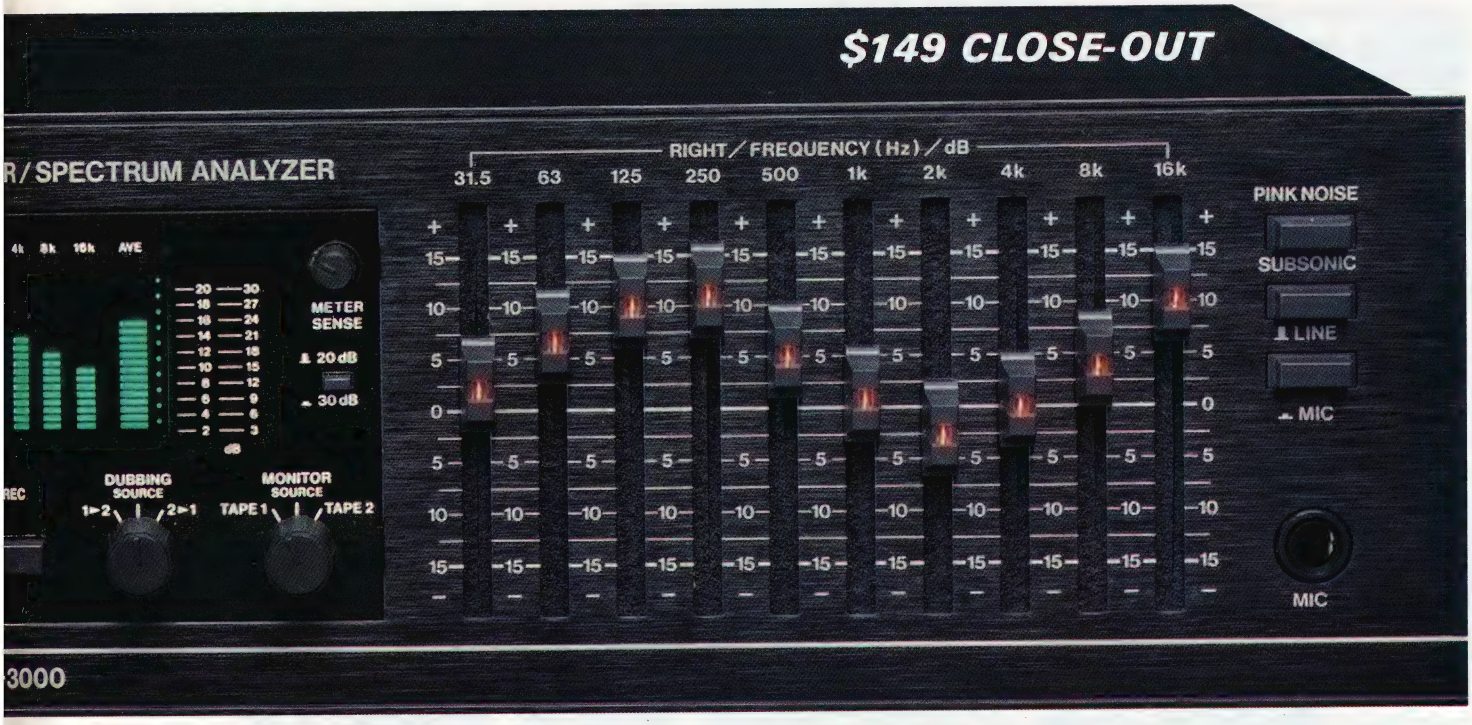
Use your tape monitor circuit, but don't lose it. Now your one tape monitor circuit lets you connect two tape decks.

Just plug the equalizer into the tape 'in' and 'out' jacks on your receiver or preamp. We even supply the cables.

As you listen to your records, FM or any 'Aux', any time you push the tape monitor switch on your receiver you'll hear your music jump to life.

The output from your receiver is always fed directly to your tape deck(s) for recording, and with the touch of a button, you can choose to send equalized or non-equalized signal to your deck(s).

When you want to listen to a tape deck, just select which tape deck you want, turn the switch on the equalizer,



and your tape deck will work **exactly** as it did before. Except, now you can listen with or without equalization.

Look at this. You can dub tapes from deck 1 to deck 2, or from deck 2 to deck 1 with or without equalization.

THE SUBSONIC FILTER

Much of the power drawn from your amplifer is used to drive your woofers. When you drive the amplifier too hard, it clips and you end up with distortion.

A subsonic filter removes a lot of non-musical material **you can't hear** that exists below 20hz. So, it relieves your amplifier of a lot of work. It doesn't actually create more watts (Please, no letters from my 'technical' friends) for your amplifier.

But, it's like turning off the air conditioning in your car. It saves you using about 7hp of what you have. And therefore, you'll have more watts for clean powerful sounding music.

THE SPECTRUM ANALYZER

Now you can scientifically analyze your stereo listening room and test your equipment by using BSR's Real Time Frequency Spectrum Analyzer.

Plus, you'll see your music not as a single level on a VU meter, but as a kaleidoscopic parade of 10 individual 20 element VU meters.

Each is tuned to a specific octave of the sound spectrum. An eleventh 20 element meter averages all levels.

The effect is awesome. You can visually isolate a string bass or cymbal, and actually see each individual instrument almost as a wave moving across the 220 individual florescent elements.

THE MOUTH AND EARS

It talks. The Analyzer speaks with a voice of pure calibrated Pink Noise. Pink Noise is the standard composite 'sound' of **all** frequencies used for testing in labs around the world. All frequencies from 20hz to 20,000hz are generated at the exact same level at the exact same time.

It listens too. If you are testing a cassette or a component in your system, use the 'Line Button'. If you're testing your whole system with speakers, use the matched calibrated electret condenser microphone (included). Either way, you'll have a quick, easy and accurate way to evaluate the total sound of your system.

HOW TO TEST SPEAKERS, EQUIPMENT AND TAPE

Testing your speakers in your listening room is the really crucial test. Simply place the calibrated microphone where you normally sit to listen to your stereo.

At the end of an 18 foot cord is the ear of the system. Just clip the mike wherever you sit and test your room.

Turn on the Pink Noise. You can switch to Left Channel, Right Channel or both. There's a meter range button, a sensitivity control, and even a switch that lets you freeze the meter.

Just sit down at the equalizer. Start with one channel. You'll see all 10 octave bands on the meter. Just slide the corresponding controls to increase or decrease any area that needs help.

You have now set up your system to its maximum capability. But as you'll see, location is very important. Move the microphone 5 feet to the left or right.

Then turn on the Pink Noise and check the Spectrum Analyzer. Now you can see why the specifications that come with your system are only a starting point.

Here's a way to test your tape deck and tape. First record Pink Noise for 3 minutes at -20VU. Then play it back and note the readings on the meters.

Now, record the Pink Noise again at 0VU or +3. Wait till you see how much the high end falls off. Now you'll see why all specifications are listed at -20VU.

With the Equalizer/Analyzer you can enjoy the finest stereo sound from your system and be a test lab too.

WHY SO CHEAP

BSR now only sells equalizers under their ADC name. Well, as Detroit comes out with new cars each year, ADC comes out with new equalizers. We got them to supply us with just 30,000 of last year's ADC model before they shut it down.

They had already paid for all the tooling, all the research and design, so we were able to buy these for less than half the normal price, for cold hard cash.

THE FINAL FACTS

There are 20 slide controls, each with a bright LED to clearly show its position. Each control will add or subtract up to 15db. (That's a 30db range!)

There are separate sound detonation slide controls for each channel at 31.5hz, 63hz, 125hz, 250hz, 500hz, 1,000hz, 2000hz, 4000hz, 8000hz, and 16,000hz.

BSR backs this top of the line Graphic Equalizer/Spectrum Analyzer with a 2 year standard limited warranty. It is 17⅛" wide, 3½" tall and 8¾" deep.

MAKE YOUR MUSIC EXPLODE RISK FREE

It's startling. Music so vibrant with life you'll swear it's 3 dimensional. Sculpture your music any way you want it. If you're not 100% satisfied for any reason, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your BSR EQ3000 Smart Sound Detonator 10 Band Graphic Equalizer with Real Time Spectrum Analyzer and Calibrated Mike, with Subsonic Filter and Two Way Tape Dubbing risk free with your credit card, call toll free, or send your check, not for the $379 retail value. Don't even send the $227.97 dealer cost. Send just **$149** plus **$8** for postage and handling. Order No. 4100. CA res add sales tax.

The sound of your stereo will explode with life as you detonate each frequency band with new musical life. And, you can see and measure exactly what you've done.

DAK
INDUSTRIES INCORPORATED

TOLL-FREE ORDER LINE
For credit card orders call 24 hours a day 7 days a week
CALL TOLL-FREE. . .1-800-325-0800
8200 Remmet Ave., Canoga Park, CA 91304

Cheap Thrills for 49^{90}

For just the price of a monaural recorder, look at all the thrills. You'll have an AC/DC portable recorder with high speed dubbing and sequential play, plus AM and FM stereo and much more, for just 49^{90}. But, there's a catch.

By Drew Kaplan

It's a 2-way, 4 speaker powerhouse of rich stereo sound. Why settle for a monaural portable radio/recorder's sound?

In fact, why settle for just one cassette when you can have uninterrupted music from two cassettes sequentially?

And, while you're enjoying the full, rich, stereo sound, think about the ability to copy stereo cassettes at **HIGH SPEED** wherever you are. It's yours for just 49^{90}, but don't forget, there's a catch.

MANY USES

Sure, you can copy your friends' tapes. Sure, you can make copies of your own tapes for your car. And sure, you can copy educational cassettes.

But, at just 49^{90}, you can use this great sounding portable stereo music center around the house just like a cheap monaural radio/recorder too.

I've had a monaural radio/cassette recorder for years. I use it to listen to the morning news while I shower and shave.

When I head out to fix a sprinkler, to work in my shop, or to our attic to run more wires, it usually isn't an expensive portable stereo that goes with me.

Now I'm using this dynamite new stereo recorder. It's super rugged. It sounds great. And, for 49^{90}, frankly, I can throw it on the grass, on top of a rock, or in my car's trunk without worrying about it.

And, when you're outside, just push the Loudness Contour button and you'll hear the bass explode with power to fill the whole outdoors.

LOOK AT ALL IT DOES

From your first touch, you'll feel the quality of this AC/DC portable stereo music center with its 4 speaker 2-way sound and electronic high speed dubbing.

Just put recorded cassettes into both decks. You can play the tapes sequentially by pressing both play buttons. When one deck is finished, it will shut off and the other will automatically begin.

If you want to copy a tape, simply put the tape you want to copy in 'Deck A' and a blank cassette into 'Deck B'.

You can copy cassettes while operating from AC (cord included), or from standard 'D' batteries (not included). So, you can have great musical sounds or make copies wherever you are.

A note about Dolby®. If you have a tape recorded with Dolby, you can copy it on this deck and the copy will still be recorded in Dolby. If you simply play a tape that's been recorded in Dolby, it will sound brighter than normal because Dolby boosts the highs in the recording.

In fact, many people record cassettes in Dolby to play through their high-end starved car stereos to make the sound more vibrantly alive.

Of course, you can record from the built-in AM or FM stereo tuners, and the built-in condenser microphone.

If you sing, there's front panel mixing and a mike input. Just plug-in your own mike and you can add your voice to any tape you are recording. Plus, there are two standard mike inputs as well.

And, wait till you hear the FM stereo reception. There's a stereo/mono switch to remind you of just how much more exciting this stereo is than your old mono radio/cassette recorder.

And, with the AM radio tuner, you'll never be without news. Plus, there's a CD 'Aux' input. It's made by Emerson and backed by their limited warranty.

A SIMPLY PERFECT CATCH

What could go better with a high speed dubbing machine than 10 DAK 90 minute Gold Label cassettes? And, selling you this duplicator is a clever ploy to sell you more cassettes in the future.

We make a cassette with great sound and no problems. We want you to try DAK's Gold Label MLX ultra high energy normal bias or high bias cassettes.

Don't pay 4^{50} or even 3^{50} for your cassettes. Buy factory direct for just 2^{49} for DAK MLX normal bias or 2^{69} for MLX² high bias 90 minute cassettes.

We challenge you to compare the frequency response, dynamic range, and signal to noise ratio of our Gold Label MLX to Maxell or TDK cassettes.

DAK's normal bias cassettes have a frequency response to 19,500hz and our high bias to 21,000hz. Both come with a hard plastic box, an index insert card and a limited 1 year warranty.

WHY, YOU MAY BE ASKING?

Obviously, we're losing our shirts on the portable music center. But, you're very valuable to us in the form of future business. Over 1,600,000 people like you have responded to our bonuses.

We find that once you've tried our products, most of you keep buying from DAK, and that's a worthwhile gamble.

TRY DAK MLX & MLX² CASSETTES AND GET THRILLS CHEAP

Wait till you hear the stereo. Wait till you duplicate some tapes. And, wait till you sit back and enjoy uninterrupted music from sequentially played tapes.

To get the portable stereo music center for just 49^{90}, try 10 MLX or MLX² cassettes. If you aren't 100% satisfied, return only 9 of the 10 cassettes and the portable stereo in its original box within 30 days for a refund. The 10th cassette is a gift for your time.

To order your 10 Gold Label DAK 90 minute cassettes and get Emerson's Dual Cassette, High Speed Dubbing, AC/DC Portable Music Center with FM stereo and AM, call toll free, or send your check for just **24^{90}** for the MLX90 cassettes plus **49^{90}** for the stereo and **$7** for P&H. Order No. 4910. CA res add sales tax.

If you prefer our MLX² high bias 90 minute cassettes, send just **26^{90}** for the 10 tapes, plus **49^{90}** for the stereo and **$7** for P&H Order No. 4911.

Increase your tape library and enjoy great sounding music wherever you are. DAK MLX and a 49^{90} dual cassette music center make it time to stock up.

Bedside Big Mouth Revisited

Now you can reach out to the world from the comfort of your bed with this elegant new electronic AM/FM clock radio with a telephone and a hands free duplex speakerphone, at a breakthrough price.

By Drew Kaplan

You're lying in bed. And, you are discussing the day's events with your mate. The lights are out, you're relaxed and your hands are at your sides.

So, what's so special? Well, for one thing, your mate is out of town and the two of you are talking on the latest in hands free full duplex speakerphones.

What's more, if the two of you were in bed together, you both (or your whole family for that matter) could talk to anyone on the phone simultaneously.

AND THAT'S THE WAY IT WAS

Several years ago, I introduced the predecessor to this bedside wonder with the text above. The clock radio with a hands free speakerphone was incredibly popular, but our source dried up and I've been looking for a replacement.

Now from La Phone, a well respected manufacturer and an old supplier of DAK's, comes my bedside wonder, complete with current technology at an incredible 39^{90} price. I originally sold its predecessor for $68!

This bedside wonder may look like the original Bedside Big Mouth, but its circuitry is all new. From the superb duplex speakerphone to the sensitive FM tuner, it's all class.

And, when you aren't using the duplex hands free speakerphone, just pick up the comfortable decorator designed phone handset and talk or make calls as you would with any regular telephone.

BUT IT'S THE SPEAKERPHONE

You can lie in bed or wander around the room while you talk, totally hands free. The speakerphone is AC powered so it's extremely sensitive.

Duplex means that both you and the person you are speaking with can talk at the **same time**. Very few speakerphones are duplex because the circuitry is more complex and demanding.

But, having a conversation using a duplex speakerphone is a real joy, as you'll find out when you use this phone. Your voice is picked up by an electret condenser microphone and you'll hear the person you're speaking with through the clock radio's main speaker.

So, you'll hear voices with the same fidelity you would expect from the radio.

And, look at this. If you are listening to the AM or FM radio when you want to use the phone, simply lifting the receiver or touching the hands free button silences the radio automatically.

What a great idea. A separate phone and clock radio could never compete.

There's even an 'In Use' LED that lights whenever you use this phone.

AND WHAT A CLOCK RADIO

If you're impressed with the telephone, wait till you find out about the special conveniences and sound quality of this electronic clock radio.

First the controls. The large LED display with high/low brightness switch, is extremely easy to read. And, you won't have to worry about losing the time if there's a power failure once you install a standard 9V battery for protection.

You'll have hour and minute buttons for setting both the clock and the alarm.

And, once you've set the alarm, you can choose to be awakened by your favorite radio station or a pleasant electronic tone.

If you aren't quite ready to get up, just tap the snooze button for a few minutes of extra sleep.

And since getting up is no fun, this radio will also help put you to sleep. A touch of the 'sleep button' will give you up to an hour of your favorite radio station to relax you. The radio will then shut itself off and wait to perform its next programmed task.

GREAT SOUND SAYS IT ALL

It doesn't take many features to beat phone company phones. But, there are lots of regular clock radios.

Once you hear the sound of these sensitive radio receivers, you'll be sold on the clock radio as well as the phone.

This FM radio really pulls in the stations. And the full range speaker has a deep, rich, pleasing sound.

Of course, with the touch of a switch you can also keep up with the latest news or your choice of music on AM.

This all new electronic clock radio telephone brings a really elegant look to your bedroom, office, den or kitchen.

It is Tone/Pulse switchable and simply plugs into any standard modular phone jack. The clock radio plugs into an AC outlet which gives you the advantage of having a powered speakerphone. (That's one reason it sounds so good.) It's backed by La Phone's standard limited warranty.

TRY THE BEDSIDE BIG MOUTH RISK FREE

Be prepared for a shock. If you haven't used a duplex speakerphone, you're in for a pleasant surprise. And, for that matter, if you haven't bought a new clock radio for a few years, you're also going to be pleasantly surprised.

If you aren't 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your all new La Phone Bedside Big Mouth Electronic AM/FM Digital Clock Radio Telephone, with both Handset and Duplex Speakerphone risk free with your credit card, call toll free or send your check for DAK's incredible price of just **$39^{90}** ($6 P&H). Order No. 4887. CA res add tax.

Now you can replace simple phones and add an exciting, elegant clock radio with fabulous sound to turn your bedroom into an integrated entertainment and communications center.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information....1-800-272-3200
Any Other Inquiries.....1-800-423-2866
8200 Remmet Ave., Canoga Park, CA 91304

Weather, Wine & Hot Pool Too

Now you can see a never ending display of time and inside & outside temperatures. Plus, you can monitor your greenhouse, your wine and more.

By Drew Kaplan

I love it. In our family room we can now see the never ending display of time and inside & outside temperatures.

A touch of a button not only shows the high and low temperatures of the day, but even the exact time they occurred.

And frankly, I'm not using any of Computemp's really sophisticated features, but look at all it can do.

There's a temperature alarm which you can set to alert you to extremes.

You can set the alarm to sound if it gets too cold for your plants or too warm for your wine. The temperature alarm(s) can be set for any temperatures, from -65° all the way to 165°F.

Below, you see displays that show, 1) the time of day, 2) the inside temperature, 3) the outside temperature, 4) the low temperature for the day, and 5) the high temperature for the day.

MUCH MORE

You can add optional sensors (list included with Computemp) that let you fill a wine bottle with water and then measure the liquid temperature rather than the air temperature.

There are also sensors for pipes and even soil temperature. Plus, there's an optional switch that lets you attach 7 sensors to Computemp so you can use it industrially. Wow, it's sophisticated!

EVERYTHING

So, when you get up in the morning, you'll see the inside and outside temperatures at a glance. You'll monitor and control your greenhouse, attic, aquariums, food storage, swimming pool, nursery or you name it.

Just run the included sensor wires, plug it in , and you'll see it all. It even has battery backup (9V battery not included). It's backed by a limited warranty.

FASCINATING TEMPERATURES RISK FREE

Now you'll know how to dress in the morning. Now you can measure any part of your environment.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your Computemp 5, Indoor, Outdoor And More Temperature Computer with Two Sensors risk free with your credit card, call toll free, or send your check for just **$69.90** ($3 P&H). Order No. 4838. CA res add tax.

Seeing the flashing temperature in your home may not make you warmer or cooler, but it's amazing how everyone stops shoving the heat up and down when they see the Computemp in action.

Bumper Tag Protector

Now anyone can follow you on the road. And now, you can summon help at a remarkable $49.90 breakthrough price.

By Drew Kaplan

I never liked CB. But, I really hate having a car follow me, especially at night. We always seem to lose one another.

Plus, the last time my engine died, there wasn't a phone in sight. Well now, for myself and my wife, having people follow us is fun, and neither my wife nor I ever have to flag down a stranger again.

GOOD BUDDY MADE EASY

I guess I'm shy, I never got into talking to strangers when CB was hot. But, I sure like talking to friends in other cars.

On a trip to Palm Springs or to a ball game, we can joke and talk with other couples just as if they were in our car.

And, if my car ever conks out on me again, I know help is as near as my trunk. Because, that's where I keep this incredibly small communications device.

To use it, I simply plug it into my car's cigarette lighter, put its antenna with its powerful magnetic base on my car's roof, and start talking.

This small, hand held powerful 40 channel CB gives me long range communication. If I'm lost, I can use any channel to ask the 'locals' for directions, even to a good restaurant or a hotel.

If my wife or I are in trouble, Channel 9, the emergency channel is constantly monitored by police. So we're covered, and my wife and I will never be alone.

But frankly, we're finding that our newfound communication is a lot of fun.

With two sons always going to different events, it's much easier to find each other with these great CBs.

The truth is, although I originally bought it as a security device to keep in my trunk for emergencies, it's finding its way into my car more and more often. And, listening to strangers on CB is fascinating.

This 40 channel hand held CB is only 7¾" X 3¼" X 2½". It comes with a cigarette power adaptor and a 2' tall antenna with a powerful magnetic base. It's backed by Sparkomatic's limited warranty.

PLAY AND PROTECT RISK FREE

It's extremely rugged. So, it will withstand the rigors of car use for years. Hopefully you'll never need to use Channel 9, but I think you'll really enjoy using all the other channels as much as I do.

If you're not 100% satisfied, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Sparkomatic's powerful Hand Held 40 Channel CB Help & Fun Communicator risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **$49.90** ($4 P&H). Order No. 4840. CA add tax.

Most emergency devices are boring. Now my family can be protected, plus have convenience, and a great time too.

Weird Music?

Now you can listen to music that's coursing through the AC wiring system of your home. It's exciting. It's soothing. It's vibrant. And, it's all around you.

By Drew Kaplan

No, I don't want you to listen to the 60 cycle hum of your AC power. No, I don't want you to listen to a 120 volt blast.

But, if you're like me you're going to find that this 'Weird Music' is really going to end musical frustration. And frankly, I've been frustrated.

As you might expect from reading my catalogs, I have 4 complete music systems in my home, and a very large collection of records, cassettes, open reel tapes and CDs.

One reason I'm frustrated is because I can't listen to my open reel tapes unless I'm at one of my two main systems.

And, if I'm on the patio, in the kitchen, or in the garage, I'm relegated to AM, FM or cassettes on a pocket stereo or portable.

And frankly, I've never taken the time to transfer all my albums, open reel tapes and CDs to cassettes. So, I haven't been able to listen to what I want where I want.

WELL, NO MORE

It may seem weird to plug a speaker into an AC outlet, but a new technological breakthrough has allowed me to listen to **any** music I choose from my best stereo, **anywhere** in my home.

The music (or speaking) is transmitted through the AC wiring in my home.

So, instead of running speaker wires all over my house, I just plug in a speaker wherever I want rich, room filling sound.

I really like it. I had always wanted to have wireless speakers in my living room because my wife hates having me run wires everywhere.

In the dining room, we can have uninterrupted music from one of my auto-reverse cassette decks 'piped in' while we entertain guests.

In the bedroom, now I can listen to my old open reel tapes. And in the garage, I can use the continuous programmable playback from my CDs. Of course, my system can transmit AM or FM too.

NOT STEREO AND PROBLEMS

It's not a perfect system. But, you'll be shocked by the magnificent rich sound.

And, installation consists of simply plugging its cable into the left and right tape jacks of your receiver and plugging in the AC power transmitter.

It will have no effect whatsoever on your stereo system.

NOTE: Don't worry about your tape jacks. Extra jacks are provided so you won't lose the use of your tape jacks.

But, it's not stereo. It combines the signals from the left and right channels

and transmits a combined signal throughout your home's electrical system. So, you'll enjoy full rich music anywhere.

You can plug in as many 2-way speaker systems as you wish. And, you can plug them in anywhere in your home, **or office,** that you'd like vibrant, room filling music.

It's been 20 years since I did custom home stereo installations. But, even that long ago, everyone wanted to be able to listen to their favorite music without being restricted to a single room.

You'll really enjoy the sound quality. These speaker systems are not just for background music. With their powerful woofers and tweeters the depth of the sound is really amazing.

So, don't be restricted to one room. Enjoy your music wherever you are. In your kitchen, in your bedroom, den or on the patio, you'll have your favorite music anytime, totally hassle free.

The 9½" X 4¾" X 6" speakers will knock your socks off with their rich full sound. A 4½" woofer combined with an acoustically designed cabinet really belts out the bass, while a 2½" tweeter easily matches the high frequency response of most traditional speaker systems.

A word about noise. You can virtually forget it. This system is virtually noiseless. It operates on VLF (Very Low Frequency) FM that is virtually unaffected by noisy motors and fluorescent lights.

It will, however, react to wireless intercoms and the BSR's X10 remote control system that we sell. But, the reaction is momentary and not too bothersome.

So, in short, although it's not stereo (you can put two speakers in a room), it's a fabulous sounding way to listen to your favorite music wherever you are.

IT'S PORTABLE

Installation of the speakers consists of simply plugging them in. Then you can adjust their On/Off volume controls.

Each even has a handle on the back so you can take them out to the garage, the patio or even to unattached barns.

As long as you're on the same side of the AC transformer (most houses are), virtually any plug in your home should be a source of your favorite vibrant music.

It's made by Universal Security and backed by their limited warranty.

NON-WEIRD MUSIC EVERYWHERE RISK FREE

Wait till you hear the quality and depth of the sound. Wait till you listen to your favorite music in the bathroom, guest room, laundry or bedroom.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your Wireless Music System complete with Transmitter, Cables and a 2-Way Speaker System risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **$69.90** ($6 P&H). Order No. 4631.

You can add as many extra, Dramatic Sounding 2-Way Powered Speakers as you wish. Each is just **$49.90** ($4 P&H). Order No. 4632. CA res add tax.

It's big sound wherever you are. Don't just expect boom box quality. You'll have rich deep bass and clean highs. And, best of all, you'll have your favorite music.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

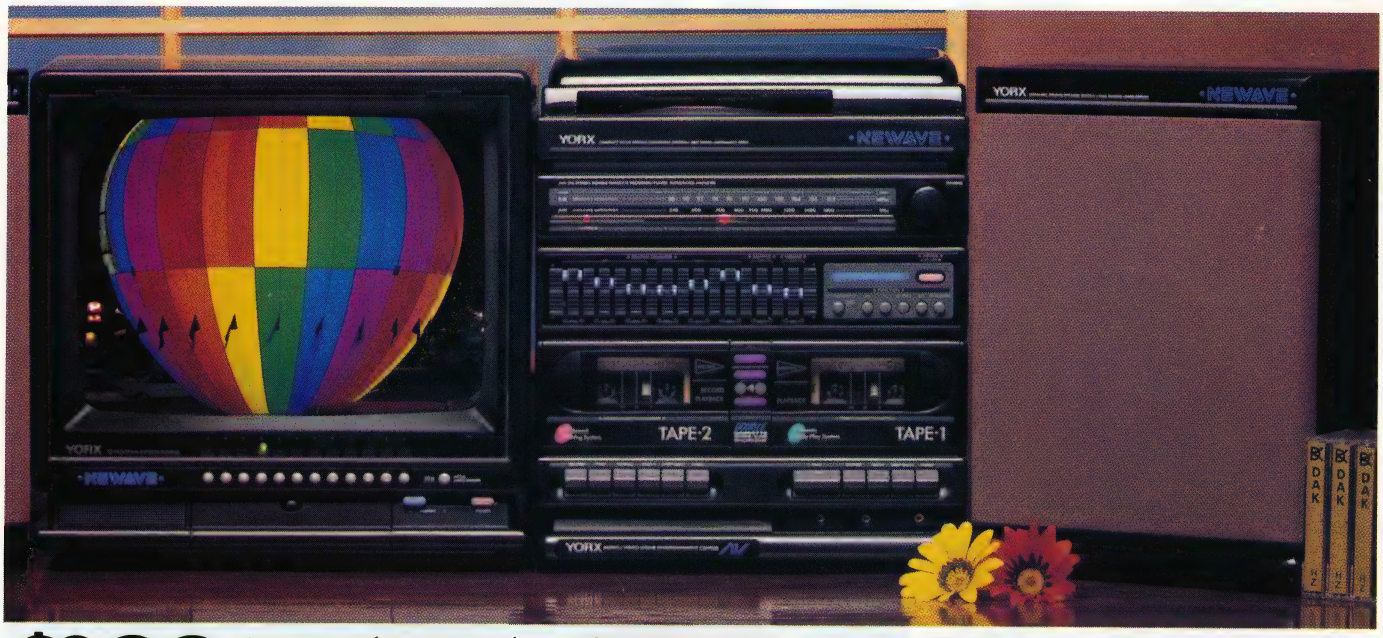
1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information....1-800-272-3200

Any Other Inquiries.....1-800-423-2866

8200 Remmet Ave., Canoga Park, CA 91304



$299 Entertainment Bombshell

Now you can enjoy a vibrant color TV combined with the sound from a stereo system that includes dual cassettes with high speed dubbing, AM/FM Stereo and albums too. You'll hear it all through matching bass reflex speaker systems.

Immerse your senses. Now you can enjoy a feast of entertainment choices at an incredible, market breaking price.

And, it's not just the quantity of the sources or the decorator styling you'll be enjoying. It's the picture and sound.

The high quality TV delivers superb pictures by using an in-line gun, slotted mask, black matrix 13" picture tube.

The super crisp, vibrant color picture is locked in automatically when you touch the AFC/Auto Color Button.

There are 12 preset direct access buttons for channels VHF 2-13 and UHF 14-82. And, wait till you hear the sound.

You can listen to the TV's built-in speaker. Or, you can thrill to superb TV sound when you listen through the AV music system.

ADVANCED AV SYSTEM

It's a true marriage of audio and video. After you've 'listened' to the TV, select one of the audio sources and sit back and enjoy your music.

You'll have dual high speed dubbing, sequentially playing cassette decks. So, you can copy tapes at high speed.

Or, for extended entertainment, these decks will play sequentially. Uninterrupted music is really great.

The carefully crafted mechanisms will cherish your treasured cassettes. And, you'll be able to make copies for use in your car or personal stereo, hassle free.

You can record cassettes from any of the system's sources, including TV sound. And, you can plug in your own mikes for great sounding live recording.

ALL THE MUSIC

You can play all your favorite albums. A belt driven, 2 speed space saver turntable lets you play both LPs and 45s.

The FM tuner is very sensitive. It has a built-in antenna, or you can connect an external antenna, if you desire.

A bright LED indicator on a large slide rule dial shows you exactly what you've tuned, and a stereo indicator lights when you've tuned in a stereo station.

Automatic AFC locks in your stations so you won't have to worry about drift, especially if you're recording. You'll really enjoy the quality of the FM broadcasts you receive.

An AM tuner rounds out the inputs with reliable, static free sound. So, you can keep up with the news or your favorite stations on AM too.

This is an ideal system for your bedroom, den or family room. It's great looking. It's great sounding. And, you can choose from a 'feast of entertainment'.

GREAT SYSTEM

There's a 3 band equalizer that lets you sculpture the sound much better than with bass and treble controls.

You can add more thunder to your bass or more life to your highs without making the mid-range sound muddy.

It's really nice to be able to boost the highs and lows without making your favorite singers sound like they have a sore throat. And for TV sound, you'll be amazed at the difference.

Finally, you'll be listening through full range ported bass reflex speaker systems that really deliver rich sound.

It's a solid 46" wall of vibrant picture and sound which you can put on a shelf or table as shown (the left speaker is cut off in the picture). Or, you can separate the parts to suit your room.

This beautifully designed system will add a touch of elegance to any room. And, it sounds even better than it looks.

The audio system is 13¾" tall, 12" wide and 10⅜" deep. The TV is 13¾" tall, 13¾" wide and 15½" deep. Each matching bass reflex speaker system is 13¾" tall, 10" wide and 5¼" deep.

It's all crafted with European rounded styling in rich ebony. It's made by Yorx, a company famous for its innovations, and backed by their limited warranty.

$299 ENTERTAINMENT BOMBSHELL RISK FREE

Wait till you see the picture. Carefully inspect the picture for clarity, brilliance and vividness of color. The picture quality is simply breathtaking.

Listen to the TV through the music center. Then listen to your favorite cassettes, records and radio stations. It's an incredible system at an incredible price.

If you're not 100% satisfied, simply return it in its original box within 30 days to DAK for a courteous refund.

To order Yorx's New Integrated Audio/Video System with 13" Slotted Mask, Black Matrix TV, Dual High Speed Dubbing, Sequentially Playing Cassette Decks, Sensitive AM and FM Stereo Tuners, 2 Speed Belt Drive Turntable and matching Bass Reflex Speakers risk free with your credit card, call toll free or send your check for DAK's market breaking price of just **$299** ($24 P&H). Order No. 4851. CA res add tax.

Never has so much been had for so little. You'll be thrilled with the versatility and sound quality of this all new audio visual entertainment system.

Numb Ear Miracle Grows Up

Now you can say good-bye to numb ears and tired shoulders. Here's a complete telephone that you simply clip on at your waist, that will set your hands free and end numb ears and stiff necks. It plugs into any modular phone jack, instantly.

By Drew Kaplan

It's awful. If you spend hours on the phone during the day as I do, you're probably all too familiar with the 'numb ear syndrome'.

Plus, cradling a phone on your shoulder so you'll have your hands free is '. . .' on your neck. Well, no more.

Over the past few years, I've offered a headset that plugged into your phone's receiver so you could avoid cramped shoulders and numb ears. But unfortunately, many of the new electronic phones aren't standardized, so I couldn't use it.

Now I've found an entire phone that's so small it clips to your belt or waistband. Or, it can just sit on your desk or sink. You can roam up to 15 feet, it's not a speakerphone but a headphone phone.

Just slip on the comfortable, **adjustable** headset with its **flexible** noise cancelling microphone, and enjoy great sound and hands free conversations.

In the past, only people who sat at their desks all day would bother with headsets. But, with this amplified phone, you'll use it even for short calls. And, you can set the volume to any comfortable level, even if it's noisy around you.

The headset covers one or both ears. You can stay in touch with the world around you or block it out. Comfortable foam cushions rest on the outsides of your ears for fatigue free conversation.

It's ideal for working at your desk totally hands free. It's irreplaceable in the kitchen where you can now cook (neat) or wash dishes (yuk) while you talk.

Switch it on to answer a call. You'll have Flash, Redial and Mute, plus Tone and Pulse dialing and Ringer On/Off.

Just plug it in along with your regular phone. You'll probably never pick up your conventional phone again.

It comes with an adaptor so that both phones can be plugged into the same modular jack. It's made by Wicom and it's backed by their limited warranty.

FORGET NUMB EARS FOREVER RISK FREE

So, think about holding a **hard** handset up to your ear for hours. Think about hands free freedom. And forget numb ears and cramped shoulders forever.

If you're not 100% thrilled, simply return it in its original box within 30 days to DAK for a courteous refund.

To order Wicom's Numb Ear Headset Telephone with 15' coiled cord, variable volume and automated features, risk free with your credit card, call toll free, or send your check for just **$69.90** ($3 P&H). Order No. 4909. CA res add tax.

I like having my hands free. But most of all, I like the way my ears feel, or don't feel, at the end of the day.

Audio Telescope

Pick a voice out of a crowd or a sparrow's song out of a tree with this super-directional shotgun microphone

It's tough. If you've ever tried to record a singer while you're sitting in the audience, or a conversation from across the yard, you know that your microphone seems to pick up everything but what you want to record.

Now you can record a lecture from the back of the room or a bird's chirp from across a field.

The sound will be crystal clear with a wide full frequency response from this incredible super-directional electret condenser microphone.

Electret condenser microphones capture sounds never before possible outside the recording studio. By using battery driven circuits, these microphones can use a more sensitive sensing membrane to capture sound vibrations.

Very little mass must be moved, so these new mikes are incredibly sensitive. The Audio Telescope is powered by one AA battery (not included).

It comes with both a conventional mike stand mount and a stand. And, it's great for video recording.

The microphone itself is totally isolated from the stand by polymer O-rings. So, it actually floats. It will not pick up motor noises or vibrations.

It is 17" long and comes with a full length foam wind screen. There is a mini phone plug for video camera use, plus a 20 foot mike cable with both mini and 1/4" plugs for conventional professional recording. It's backed by a manufacturer's standard limited warranty.

TRY THE AUDIO TELESCOPE RISK FREE

Record lectures, concerts or nature, risk free. If you don't feel you've made totally professional recordings, simply return the Audio Telescope in its original box within 30 days for a refund.

To order your Audio Telescope risk free with your credit card, call toll free or send your check for only **$69.90** plus **$4** for postage and handling. Order No. 9736.

You'll be able to make superb recordings that were never before possible.

DAK
INDUSTRIES INCORPORATED

TOLL-FREE ORDER LINE
For credit card orders call 24 hours a day 7 days a week
CALL TOLL-FREE. . .1-800-325-0800
8200 Remmet Ave., Canoga Park, CA 91304

Stereo Store on a Shelf

Imagine 3 cassette decks with sequential play and high speed dubbing. Add AM and FM stereo. Then add a super sharp TV. Thrill to 4 speaker, 2-way speaker system sound, or the included stereophones. Now just $149⁹⁰. Wow!

Take it with you. Or stay with it. Either way, you'll have music, sports or news at your fingertips. And, wait till you hear the 4 speaker 2-way sound.

There are 3 cassette decks. You can automatically listen to them sequentially. You'll enjoy 3 times the uninterrupted listening time, more later. And, one of the decks even slips out.

With the included stereophones you'll have a great sounding personal stereo. So, it's music for one and music for all with this all new, AC/DC/Car 'Stereo Store On A Shelf' from Yorx.

With its separate 3-band equalizers for each channel and detachable speakers, you'll really enjoy home sized stereo sound wherever you go, even at home.

Yes, this is one portable that is as at home in your bedroom, dorm room or office, as it is on your patio. And, wherever you use it, you'll have a room full of great sights and sounds.

You can listen to your favorite cassettes, or copy them at high speed. You can listen to your favorite FM stereo or AM stations and record what you hear.

And, it has TV too. You can watch both VHF and UHF TV and listen to the sound through this superb system.

It's the perfect second stereo system, plus TV, for your children or yourself. And, just wait till you see all that it does.

HIGH SPEED DUBBING PLUS 3

You can play a tape in deck '1' and copy it in deck '2'. You can make your copy in real time or at high speed. It's a great way to increase your tape collection.

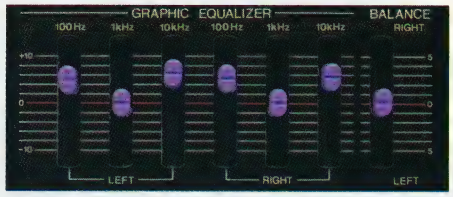
If you just want to sit back and listen, these decks feature sequential play. So, after you've played the tape in deck '1', the tape in deck '2' will begin. When it finishes, the tape in deck '3' will automatically begin. It's very sophisticated. And, you'll have three times as much uninterrupted music.

So, for recording, high speed copying or extended listening, you're sure to enjoy these high quality cassette decks.

HOLD ON RIGHT HERE

Before I describe the sensitive AM and FM Stereo Tuners and the super sharp TV, let's look at this music center.

Better portables now have equalizers. But, this portable has separate equalizer controls for the left and right channels.



You can add thunder to your bass by boosting the 100hz low bass slider up to 10db, while you won't be causing the mid-range to get muddy.

You'll be able to boost the highs at 10,000hz by up to 10db to really make cymbals come alive while you won't make your favorite singer's voice sound harsh.

Gone are the tone controls of cheap portables. Gone are the bass and treble controls of good portables. With an equalizer and the detachable dramatic sounding speaker systems, you'll get really rich vibrant sound.

You can operate this system from AC (included), a 12 volt DC car cord (not included) or D cell batteries (not included). It's a high quality system that you'll enjoy for years. Now, back to the features.

THE TV

It's unique. Here's a portable that is 22¾" wide and only 6" deep, that has a built-in super sharp 4½" B&W TV.

Now you can have your choice of programming from one shelf size, easy to carry entertainment center. Check out what's on TV, then switch to your favorite cassette. Or, catch some soft FM music.

The TV receives all VHF channels 2-13 and all UHF channels 14-83. Now it's easy to keep up with the latest ball game.

Use it in the kitchen, in the garage, in the laundry, in your camper or on the road.

GET FM AND AM TOO

Wait till you hear the quality of the reception of these tuners. Because of the built-in TV, you'll find improved reception and freedom from drift on FM.

The AM tuner is very sensitive, and with the great sounding speakers and equalizer, you're sure to be pleased.

PUT IT ALL TOGETHER

You can copy friends' tapes, you can listen to cassettes, and you can listen to powerful AM or FM stereo.

Plus, you can take the personal stereo and headphones with you when you walk, jog or just work around the house.

And, don't forget the TV to entertain and inform you. It's quite a buy for just $149⁹⁰. Wow! It's made by Yorx and it's backed by their limited warranty.

TV/3 CASSETTES/AM/FM STEREO RISK FREE

Watch the TV. Listen to the TV sound. Most 19" TVs only have a 3" speaker. Put this system with its 2-way speakers on top of your TV and compare the sound.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Portable or Home AM, FM Stereo TV Entertainment System with Twin 3-Band Equalizers and 3-Way Power capability and 3 Cassette Decks risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **$149⁹⁰** ($8 P&H) Order. No. 4769. CA res add tax.

Well, it's not a 25" TV and $1000 stereo system. But, you'd have a heck of a time fitting them into a bedroom or carrying them around with you.

It's a great sounding second system that supplies you with lots of entertainment options in lots of places.

Wireless TV Marriage Saver

Now you can watch late night TV without bothering your spouse. Now you can listen to any audio source WIRE FREE!

By Drew Kaplan

It's a problem. I like to watch the late late movies and my wife wants to sleep. I also like to flip channels and it drives her crazy.

Well, now I can listen as loudly as I like, as late as I like, and there are no complaints.

And speaking of loud, if you know someone who is 'hard of hearing', now everyone in the room doesn't have to be bombarded by a loud TV.

HERE'S HOW IT WORKS

The system operates on waves of infrared light, just like your remote controls. So, there's virtually no noise and no interference, with a 30-18,000hz frequency response.

Simply plug the AC powered transmitter into an earphone jack or audio out from your TV, VCR, or other audio source.

You wear a great sounding pair of featherweight stereophones which plug into an amplified receiver.

You'll have your choice of Mono or S.S.A (Spatial Sound Around) simulated stereo. Of course, you'll control the volume. (9V battery not included.)

And look at this. If there's no headphone jack, there's an optional microphone that you simply place in front of the TV's speaker. It's so sensitive that you barely have to have the sound on to listen, so you still won't bother anyone.

It's also great if your kids want to watch TV while you read. It's backed by a standard limited warranty.

WIRELESS TV FREEDOM RISK FREE

Luckily, my marriage is happy, but the late night TV has been a problem. Wait till you hear the sound quality carried on a wave of light. It's amazing.

If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your complete Transmitter, AC power Supply, Receiver, and Stereophones risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **$49.90** ($4 P&H). Order No. 4860. CA add tax.

You can add as many extra receiver/stereophones as you wish for just **$29.90** ($2 P&H). Order No. 4861. If you don't have a headphone jack, the installation free, sensitive microphone is just **$19.90** ($2 P&H). Order No. 4862.

You'll have wireless sound freedom.

Concerto For Gophers

Gophers must have great musical taste. They sure 'walk out' on this concert.

It's not Bach or Beethoven. It's a combination of a 300hz sound and vibration that makes gophers, moles and ground squirrels pack their little bags and leave.

Forget poisons, traps and gas. Gophers have a keen sense of hearing and an ability to detect vibrations to signal them of danger. The new Go'Pher It! expels rodents with no damage or danger.

Just push the 11" electronic vibrating stake into the ground, put in 4 D batteries and you'll have about 6 months worth of annoying music for gophers.

You can protect a circular area up to 100' in diameter with a single Go'Pher It! So, don't let burrowing rodents destroy your lawn. Of course, it's 100% safe for children and pets. It doesn't kill the gophers, it just makes them leave.

Every 15 seconds it sends out its annoying concerto through the ground. In the yard, you won't hear it. And it doesn't even bother worms. But, it sure annoys rodents. It's weather resistant and backed by a standard limited warranty.

PROTECT YOUR YARD MUSICALLY RISK FREE

If you work hard on your lawn, now is the time to protect your investment. If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Go'Pher It! Electronic Concerto for Gophers risk free with your credit card, call toll free or send your check for just **$49.90** ($4 P&H). Order No. 4746. CA res add tax.

Gophers make lousy house guests. They simply eat too much. Let them face the music and get the ". . ." out!

Wireless WalkLite

Now you can have romantic and safe lights in your yard without any wires.

It's true. It's sunshine at night. The new WalkLite is solar powered by day to provide a soft romantic light by night.

In your garden, on your patio or anywhere in your yard, you can have light without running wires or putting in batteries. Each WalkLite comes with its own 2' pole, or it can be wall mounted.

Just after dusk, these incredible lights will come on and will provide an average of 4 to 5 hours of gentle warm light each night.

By day they are charged, by night they give back the light to brighten and romanticize your home, night after night.

They'll add glamor to your yard, deck areas or even by the back door. And since there's no wiring and no maintenance, you'll really appreciate these lights over the years.

They aren't flood lights, they provide a soft glow for a safer, more romantic yard. They're made by Chronar and they are backed by their limited warranty.

WIRELESS WALKLITES RISK FREE

As you walk in your yard, you'll really appreciate these beautiful lights. They really are lovely.

If you're not 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order Chronar's Wireless WalkLite Rechargeable Yard Light risk free with your credit card, call toll free or send your check for just **$49.90** ($5 P&H). Order No. 4864. CA res add tax.

Look out of your window tonight and imagine the warmth of automatic WalkLites lighting your garden.

PRICE SLASHED
NOW JUST $169.90
Use Order No. 4690. Plus ($12 P&H)

Surround Sound & More Explained

Journey into space, down mountains or through meadows as you sit in front of your TV. Now the bigger than life sound of a movie theater thunders into your living room. Wait till a space ship warps right through your couch!

By Drew Kaplan

It's awesome. Cars will race out of your TV and through your room. You'll jump because gun shots are so real. And, if you're walking though a meadow, you'll hear crickets and birds **all around you.**

This is just the tip of the iceberg of the effect that you can expect when you connect this Surround Sound Processor, complete with amplifiers and 4 speakers, to your stereo VCR or even monaural VCR.

WHAT IT IS

There's just no two ways about it. You are right in the middle of the action. If you're watching an avalanche, you're in it. And, if there's a storm, you'd better get your rain coat.

This new Surround Sound Processor takes the stereo signal from your VCR (read on for monaural) and produces dramatic sound through its two front, shielded 2-way speaker systems.

Well, big deal. That's what you get from stereo. Ah, but hold on to your chair. Because, virtually all movies made in the past 5 years, have Dolby® Stereo Surround Sound encoded on them. **Note:** Most tapes just say Dolby® Stereo.

When you are at a theater, Surround Sound infuses movies with life. Now you can decode Surround Sound at home too.

The Surround Sound signal is obtained by matching the Left and Right Channel Phase relationships and sending the difference to the rear. Engineers create these phase differences to provide special effects from the rear and sides.

Plus, you'll have variable rear delay so you can make a 10' by 15' room sound like a meadow or even a football stadium.

So, unlike stereo where things move only from side to side, now they can also move from front to the back or even diagonally across the room.

There's absolutely no limit to the locations in your room from which any specific sound can come.

FIRST FOR STEREO

Switch in Surround. You'll hear laser blasts from the left, applause all around you, or a freight train approaching you from the rear. Watch Out!

You'll thrill to these effects from video cassettes, stereo cable, or stereo TV. If the movie you are watching doesn't have Surround, switch to 'Stereo'.

The processor will create a powerful version of Surround. Plus, you'll have the rear ambiance and movement cues.

There's a third stereo button called 'Music' that is designed to add only ambiance to the rear, for musicals.

BUT IS MONAURAL DEAD?

You haven't been left out. There's a fourth switch which infuses your monaural VCR or TV station with resounding life.

It's a highbred stereo synthesizer. First it synthesizes stereo for the front speakers. Then it synthesizes rear channel action effects. Add the variable ambiance delay and you'll have excitingly rich, vibrant sound and movement around you.

It won't have the precise location detail of the Surround Signal itself. But don't despair. If you don't have a stereo deck for direct comparison, you'd swear that you had real Surround Sound.

EASY INSTALLATION

It's easy. Just put it on top of your VCR or TV. Then connect the audio output(s) from your monaural or stereo VCR to the decoder. **And look at this.** You can switch between two video sources.

The rest of the installation consists of hooking up the 4 speakers. Put two in front and two to the side or rear (wire included) and get ready for a thrill.

ALL THE CONTROLS

You can select input 'A' or 'B'. And, you can select Surround Sound, Stereo, Synthesized Stereo or Music.

There are master volume, balance, bass and treble controls. And, there's a special rear effects level control.

You'll be amazed by the massive sound these specially sealed acoustic suspension speakers produce. The system is made by Universal, and it's backed by their standard limited warranty.

EXPLODE YOUR CONCEPT OF VIDEO RISK FREE

From stereo or monaural tapes, cable or TV broadcasts, the experience is astounding. If you aren't 100% enthralled, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Universal's Video Surround Sound Stereo decoder and enhancer that will explode your concept of the capabilities of home video risk free with your credit card, call toll free or send your check for DAK's breakthrough price (including all 4 speaker systems) of just ~~$199.90 ($12 P&H)~~ Order No. 4690. CA res add tax.

Move from one or two dimensional video viewing to live, center of the action, thundering, 3 dimensional video sound.

Gourmet's Ear Feast

Imagine the sound you'll hear from all your musical sources when you use these stereophones that are designed to capture the sonic violence, dynamic range and frequency response capabilities of CD discs.

By Drew Kaplan

It's a fallacy. People are supposed to wear headphones so they won't bother other people. Rubbish, I wear headphones so no one bothers me. And, while I'm not being bothered, I want superb sound.

With a true 30hz to 30,000hz frequency response that isn't affected by limitations of your listening room environment, these all new BSR headphones can offer you some of the best musical sound from any source.

HIGH VELOCITY DRIVERS

The sound is fast. It has to be to contend with the sonic capabilities of CDs. So, with any other source, these incredible new headphones will be coasting.

Large, high velocity mylar diaphragms, (these drivers are much larger than traditional open air headphones) have a real **deep bass** capability.

Samarium cobalt magnets are used for the voice coils because samarium has very closely spaced electron orbits that produce the strongest magnetic field potential. Therefore, it gives the fastest and most accurate sound reproduction.

The highs are clean and transparent. The mid-range is full and rich. In short, it's a great sounding headphone. And, it's a great feeling headphone as well.

There's a volume/balance control at each ear, so you can exactly balance the left and right levels. The stereophones come with a 6' cord which terminates in a mini phone plug. And, you get a screw-on 1/4" stereo plug. It's all backed by BSR's standard limited warranty.

A FEAST FOR YOUR EARS RISK FREE

Close your eyes and imagine the thundering bass produced by 15" woofers. Imagine the subtle realism of brushes.

Then put these incredible new headphones on and compare your imagination with the real thing. If you're not 100% satisfied, simply return them in their original box within 30 days for a refund.

To order your BSR Ear Feast High Velocity Stereophones with full compact disc capability risk free with your credit card, call toll free or send just **$29.90** ($3 P&H). Order No. 4719.

Don't be put off by DAK's cheap price. You won't be hearing cheap sound. Although, at only $29.90, the sound you do hear sure can be called 'cheap thrills'.

The Roar Factor

Now your personal stereos and TV can roar with mammoth, room-filling sound. Now you can unleash their full potential.

Make your portable CD or personal cassette thunder to life. Fill your room with dramatic, crystal clean highs, and the powerfully resonant roar of real bass.

Now you can have amplified speaker systems to turn music for one into music for all. And, just wait till you hear the sound of your TV through these incredible new AC powered, 17¾" tall 2-way, amplified speaker systems.

HOOK-UP HEAVEN

There are line inputs for CDs or **ANY** audio component, including audio cassette decks and stereo or monaural VCRs.

You also get a headphone connecting cord which plugs into the stereo headphone jack of any personal stereo.

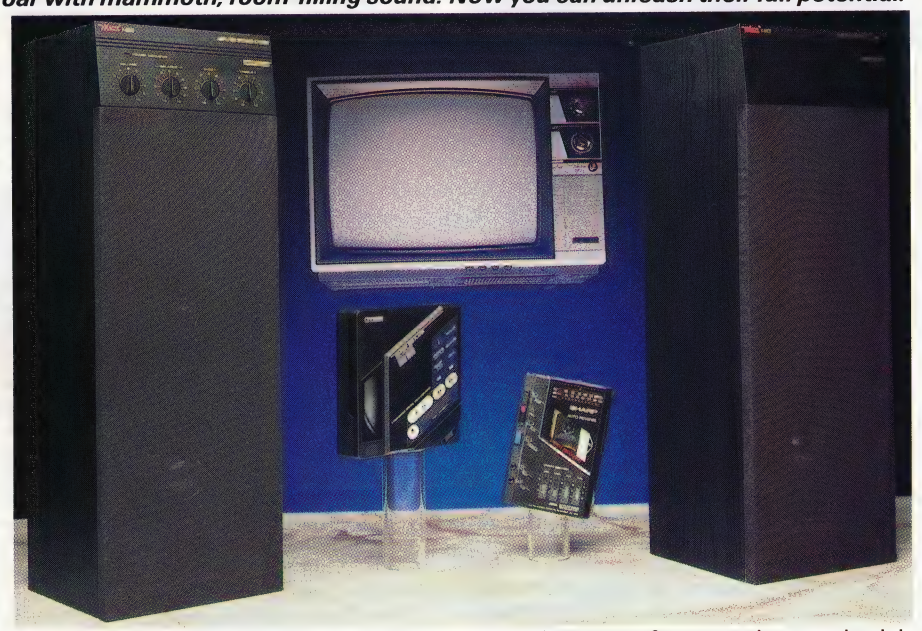
And, there's an adaptor so you can plug into the monaural earphone jack on your TV for phenomenal TV sound.

THEY REALLY ROAR

Wait till you experience the roaring bass from the 4" matched woofers. And wait till you hear the transparent highs generated by the 2" tweeters.

The internal amplifiers optimize the response from the woofers and tweeters like no external unmatched system can.

They are made by Universal and backed by their standard limited warranty.



MAKE YOUR MUSIC ROAR RISK FREE

The sound isn't like a boom box. It's like a stereo system, alive with sonic drama. If you're not 100% satisfied, simply return them to DAK within 30 days in their original box for a refund.

To order Universal's AC powered Amplified Speaker Systems with 4" woofers, 2" tweeters, optimized amplifiers and a complete set of connecting cords risk free with your credit card, call toll free, or send your check for just **$59.90** ($6 P&H). Order No. 4723. CA res add tax.

When you turn up the bass your music will roar with excitement. And the highs will simply thrill you. Wait till you hear your own music through these remarkable amplified speaker systems. They're an incredibly potent sound source.

Mind Flash Minus

In the blink of an eye this new 6X power zoom, auto focus, auto white-balance 2.7 pound VHS C camcorder can capture images with 1/1000th of a second precision. For your family or for sporting events, you'll have sparkling clarity.

By Drew Kaplan

First a confession. I haven't been impressed with camcorders. They've been big. And, most haven't been very easy to use.

They've also been too much trouble to lug along. And, most don't give you on-the-spot playback.

Enter Magnavox. Imagine a 2.7 pound VHS C camcorder (it's **'minus'** the extra weight of its predecessor) that's so small and automatic that it's easier to use than a 35mm camera.

Now I won't have to remember the action in my 'mind's eye', I can replay anything I see 1) through the camcorder's electronic viewfinder, 2) on any TV using the **included** RF modulator, or 3) on any of my VHS recorders using the **included** full size drop-in VHS adaptor.

Yes, It's 100% compatible with any home VHS machine. It even records in both high (SP) and slow (SLP) speeds.

You'll have up to an hour of recording on a compatible VHS C cassette. And because it's VHS compatible, you won't have to worry about obsolescence.

And look at this. This recorder features HQ recording for the best live pictures ever. The color fidelity is awesome. And, so is the live sound you'll record.

By using the electronic 6:1 zoom lens, I can view an entire football or soccer field, and then power zoom from wide angle to powerful telephoto, to zero in on just my son. Wow!

From bright patches of sunlight to shadows, it automatically adjusts for perfect brightness and color.

This camcorder will automatically focus and stay in focus all the time. And speaking of focus, there's no tube.

Magnavox has used the latest CCD solid state pick up device that has approximately 210,000 picture elements.

Each element responds to light with super sensitivity, producing **outstanding** picture and color reproduction in light levels all the way down to 7 lux.

TECHNICAL WORDS-SIMPLE USE

After you read my ad, you can forget auto iris, white balance and color temperature. This camera automatically compensates not only for brightness, but for the difference in color temperatures between sunlight and incandescent light bulbs. It's called 'Auto Color Tracking'.

From light to dark, from near to far, it flawlessly locks in your picture. You can even capture, subjects when you're facing the sun, just push Backlight.

The electronic black and white viewfinder shows you the speed you are recording, if you're in record or pause, the light level, and even automatic wide or spot focus. Plus, there's a counter.

BIG DIFFERENCE

Most camcorders record at 1/60th of a second. But, with Magnavox's camcorder, you can switch to 1/500th or even 1/1000th second resolution.

Then, when you play back your tapes on a 4 head VHS recorder, you'll have the most unbelievable slow motion and still frame pictures you've ever seen.

It's similar to the still frames you see on TV. It's great for seeing your golf or tennis swing or for horse or car races.

And there's Macro too. You can fill the entire screen with an image less than an inch away. It's great if you're into stamps or coins. Think of a 25" TV. Wow!

IMPORTANT CONSIDERATION

You'll use all the buttons you see on the front of the camera. But, you'll really only need to use 2 buttons.

You'll use a rocker switch which lets you move from wide angle to zoom (and anywhere in between), and you'll use the record, start and stop button.

Both controls are located under your fingers (where my hand is above).

BUT IT'S THE PICTURE QUALITY

You can expect better than broadcast quality recordings when you use this sophisticated camcorder with CCD image pickup and HQ 4 head recording deck.

When only the best will do, this is the ultimate camcorder. You'll record vibrantly colorful birthday parties and family gatherings, speeches and graduations.

For hobbies, you'll improve your golf, tennis, or at the Kaplan household, my 15 year old is improving his long jump (he's on the track team). The 1/1000th shutter speed is phenomenal for him.

LOOK AT ALL YOU GET

Frankly, you can buy a cheaper camcorder (of course DAK's broken the price on this machine). But, if it's picture quality you want, I've never seen one that even comes close. And, look at all you get.

You get 1) The Camcorder, 2) The AC Adaptor/Charger, 3) The Rechargeable Battery Pack, 4) The VHS Cassette Adaptor, 5) A VHS C Cassette, 6) A Shoulder Strap, 7) The Wired, Pause Remote Control, 8) The AV Cable, 9) The RF Modulator, 10) A VHF Cable, 11) A 300/75 Ohm Adaptor, and more. It's all backed by Magnavox's limited warranty.

A MIND FLASH RISK FREE

What flashed by your eyes once, can now flash by your eyes on your own TV thousands of times. It's so easy to use and so easy to carry that you'll want to share your memories with family members and future family generations.

If you're not 100% satisfied, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your VHS C Camcorder with Auto EVERYTHING and all the extras listed above risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **$1199** ($12 P&H). Order No. 4901.

Extra 1 hour Rechargeable Batteries are just **$39.90** ($3 P&H). Order No. 4902.

A deluxe High Impact Protective Carrying Case is just **$49.90** ($6 P&H). Order No. 4903. CA res add tax.

Well, I never liked camcorders. But wait till you experience Magnavox's color quality and ease of use. It's awesome.

Voices from The Other Side

Now you can get the Russian side direct from Russia. Tune in on Afghanistan. Or get the latest from Libya. Get it in English or native languages, all for DAK's breakthrough price of just $49⁹⁰. Wow!

Drew Kaplan

It's awesome. Tune in the world's ideas from where they come. Listen to the Russians talking about America (yuk).

Hear the Canadian side of trade disputes. And, get the local views from virtually every country in the world.

This new 10 band miracle radio pulls in Short Wave stations from all over the world. Within 5 minutes of opening the box, I had listened to Radio Moscow in English and Radio Cuba in Spanish.

There are countless broadcasts in dozens of languages. So, if you speak a foreign language, now you can enjoy broadcasts in almost any language.

But, don't worry. Virtually all stations broadcast in English for many hours a day. And in addition, you'll have AM and FM stereo (stereophones are included).

This one pocket sized radio will provide an almost endless number of radio broadcasts from all over the world, for you to enjoy and learn from.

It's really exciting to hear England's views of what's happening in America and also, what's happening in Europe.

The English have a very cosmopolitan view of the world and I've really been enjoying their commentaries.

I can't say I've enjoyed some of the broadcasts I've heard from some non-friendly countries.

But, other than the total frustration I feel that anyone would believe these people, it's almost addicting to listen to these would be world conquerors.

WHAT SHORT WAVE IS

You'll enjoy some of the best sounding FM stereo you've ever heard from this remarkable radio. Its circuitry is extremely advanced. And, you'll receive great sounding AM as well.

But, it's the 8 bands of shortwave that make this 6¾" X 3½" X 1¼" radio receiver really unique. You'll use its built-in, rich sounding speaker or the **included** stereophones to tune in the world.

Short Waves have the remarkable property of being able to cover great distances by using an invisible layer in the upper atmosphere to 'bounce' radio signals back and forth to reach the earth.

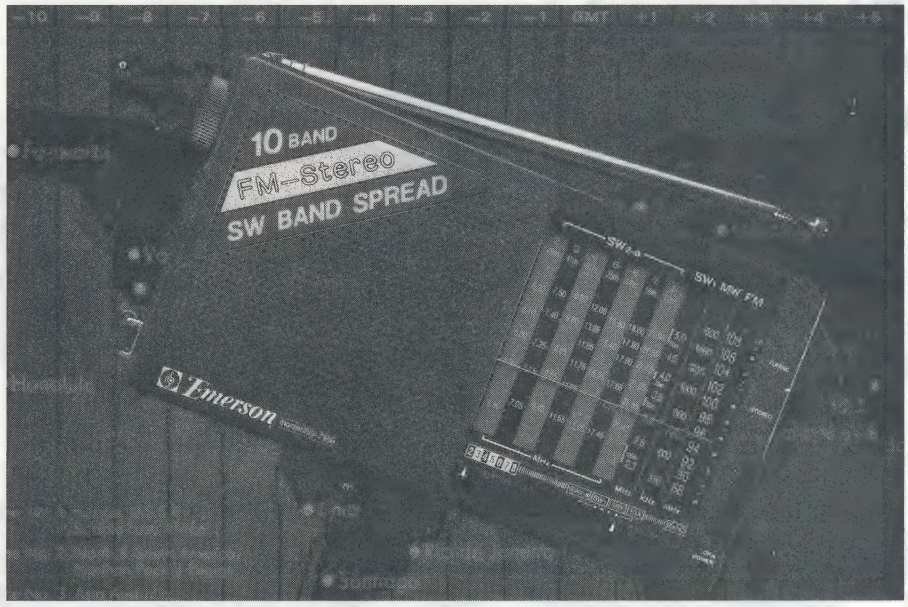
This wave-range (10-100 meter wavelength) is therefore highly significant for all sorts of telecommunications in widely separated locations, such as: Aeronautical, Maritime, National Broadcasting, Amateur and Commercial Traffic.

With this receiver you can pick up a great number of transmissions over distances that cover thousands of miles.

This world-wide reception is especially fascinating for those of us who are interested in other cultures, in straight-from-the-source news, in learning languages, exotic music, world affairs as viewed from angles of other cultures, and for those living abroad who want to keep in contact with their home country, in their own language or in English.

There are about 850 Short Wave radio transmitters designed for international operation, and another 600 for regional or local use.

Only Short Wave gives you the world



at the turn of a knob. And it's only possible because, by bouncing off the outer atmosphere layer, called the F-layer stations can broadcast around the curve of the earth. So, you don't receive Short Wave as a straight signal, you receive a signal reflected from space.

The F-layer is located between 130 to 300 miles above the earth, depending upon the time of day or night, the season and the latitude of the earth.

Also, a Short Wave broadcast may make several 'hops' between the earth and atmosphere before it's received.

Frankly, you'll find the quality of the broadcasts will vary. Sometimes they'll be crystal clear, and other times the volume will vary as you listen.

So, if you want FM stereo quality all the time, the Short Wave medium isn't for you. But, you'll miss out on some of the most exciting broadcasts.

Short Waves can literally travel around the world giving you access to broadcasts from almost any country.

ALL THE VIEWS

Imagine the thrill of sitting in your living room and listening to a live broadcast from Moscow. Imagine hearing the Argentinian view of the Falklands War.

During the Chernobyl affair you would have heard broadcasts from all the neighboring countries.

When you hear the news that the Russians don't like our arms proposals, wait till you hear what they are saying. You'll gain insights into the mentality of all the cultures of the world.

From South America, to Africa to Europe, you'll listen to broadcasts as easily as you listen to AM radio.

Of course, the quality won't always be perfect, but there's nothing complicated to tuning in to short wave.

There's a large easy to read vertical dial with all 10 bands. Switch to any band and turn the dial. A tuning LED shows when you have a station tuned in. That's all there is to listening to Short Wave.

For FM stereo and AM, tuning is identical. But, there's a Stereo LED as well.

It operates on 3 AA batteries (not included) or a 4.5V DC adaptor (not included). It's made by Emerson and backed by their limited warranty.

VOICES FROM THE WORLD RISK FREE

From South Africa to Singapore to East Germany or Egypt, you'll get a new perspective of the cultures of the world. Plus, you'll be entertained by the world's music when you tune in on Short Wave.

Of course, in time of world crisis (God forbid), short wave has all the details. Gone are the days when it took a room full of equipment to receive these incredible broadcasts. Now you'll have the world's information in the palm of your hand.

If you're not 100% satisfied, simply return it in its original box within 30 days to DAK for a courteous refund.

To order Emerson's 10 Band Short Wave, AM, and FM Stereo Radio complete with Stereophones, Carrying Strap and Soft Carrying Case risk free with your credit card, call toll free or send your check for DAK's world breaking price of just **$49⁹⁰** ($3 P&H). Order No. 4839. CA res add tax.

I tuned in fascinating stations within minutes. But, we'll include a booklet that will help you find specific stations in specific countries all over the world.

You'll be amazed at the incredible wealth of information and entertainment that can be yours for just $49⁹⁰.

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IMPORTANT INFORMATION

1) Shipping-Whenever possible we will ship your order via UPS. Please try to give us a street address rather than a P.O. Box.

2) Manufacturer's warranties available-All products sold by DAK are covered by the individual manufacturer's warranties. If you would like to see a copy of their exact warranty before you buy, just send us a letter (do not phone) give us the product number and name to the attention of the 'Warranty Department'.

3) Typographical Errors-We make every effort to avoid errors. DAK cannot be responsible for errors. However, should you buy a product based on our error, it is, of course, covered by the normal conditions of our 30 day free trial period.

4) Mailing List-We occasionally make our mailing list available to selected companies who have products that we think you will be interested in. If you wish not to receive these mailings, just send a copy of your mailing label to our 'Mailing List Dept'.

5) Prior Sale and Prices-DAK deals with dozens of manufacturers. Some of the products we offer are close-outs, and sometimes we simply sell more than the manufacturer can make. In any event, we cannot guarantee to supply any product advertised. We will refund your money if we find that we can no longer obtain a product or if its price rises.

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Answering Attack Phone Plus

Let's vanquish the problem of bulky complicated answering machines. And let's conquer the problem of lost beepers. Now, without a beeper, you can not only retrieve your messages, you can even turn on your answering machine.

Stamp out beepers. Here's a microprocessor controlled answering machine that's so smart it will remotely give you your messages without using a beeper.

But, before we explore just how easy it is to use and all of its sophisticated features, such as, toll saver, 2-way record, and remote saving, erasing, outgoing message change, and remote turn-on, let's take a look at the phone.

Here's a hands free **speakerphone** that gives you 'On Hook' dialing of 38 of your most used phone numbers. It also has last number redial, and 8 of the dialing memories are 'One Touch'.

And, as for comfort, well just wait till you cradle the great sounding Phone Company style handset on your shoulder.

VANQUISH THE REST

Easy to use. Forget cumbersome 'fixed time' outgoing announcements. Most machines make you fill a 20 second continuous loop cassette.

Now you can just push 'REC' and talk into the built-in microphone from 2 seconds up to 2½ minutes.

When you get your first call, it will be answered on the 4th ring. (Read on to see why.) If you're at home, you'll hear the message being left by the caller over the built-in speaker, if you desire.

If you wish to talk to the person, just pick up the receiver and start talking. If you don't, you've just experienced the **privacy protection** called 'call screening', which lets you hear who's calling **BEFORE** you decide to answer.

This **dual cassette** machine will let your caller leave any length message up to one minute (more if you choose). But, if they hang up in 20 seconds, that's how long the message will be.

TOLL SAVER, OR THE 4TH RING

If you're across town or out of town, why invest a quarter or pay for a toll call if you have no messages?

Each time you reset your machine, it will answer the first call on the 4th ring. After it's taken its first message, it automatically starts answering on the 1st ring.

So, when you call in, just hang up if you get to the 2nd ring. You'll automatically know that you have no messages.

If you do have messages, you can have the machine save, erase or repeat the messages that you have heard.

EASY INSTALLATION

Just plug in the modular phone jack and the included AC adaptor. It is ready to take messages or act as your super automated office or home hands free speakerphone. And, it does so much.

It is Tone/Pulse switchable. It has a ringer Hi/Lo/Off Switch. It has a variable Speaker Volume Control, an Answer Only Mode, a Memo Message Capability and an optional wall mount capability.

If you want to record both sides of a call, just touch a button. It's backed by Code-A-Phone's 1 year limited warranty.

THE ANSWERER ATTACK PHONE RISK FREE

It will set you free. From its Phone Company feel handset to its electronic convenience extras, you'll have incredible convenience and great sound.

And, don't forget that if you forget to turn on this answering machine, you can call home and turn it on.

If you're not 100% thrilled, simply return it to DAK within 30 days in its original box for a courteous refund.

To order Code-A-Phone's Answering Attack Phone with a totally hands free 38 number autodialing speakerphone and easy to use heavy duty answering machine risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **$149.90** ($7 P&H). Order No. 4815. CA res add tax.

Wait till you hear the phone. Wait till you use the 1 touch dialing and the 'On Hook' dialing. Wait till you hear the sound quality and enjoy the convenience of this incredible answering machine.

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Singing Dream

Now your voice can have the same type of added richness and depth that professional singers use. Just dial in the exact amount of resonant depth you desire.

By Drew Kaplan

It's a fact. Professional singers use electronic echo to enhance and deepen their natural voices.

It's easiest to spot enhancement in a musical where the characters are talking, and when they begin to sing, suddenly their voices become rich and deep.

What happens is that the recording engineer 'fades in' electronic echo to make the voices leap out at you.

A vastly expanded version of the same principal is used in Karaoke.

Using a Karaoke singing machine, people in restaurants get up and sing. And, there's so much echo added that anyone just speaking the words to a song sounds like they're singing.

Of course, you probably don't want to add that much echo, but with BSR's new electret condenser mike, with adjustable digital echo, you're in control.

JUST A LITTLE BIT

With or without echo, you'll have flawless reproduction of your singing or speaking. This is a powered electret condenser microphone (more later).

It has a wide frequency response, specifically tailored to singing, that spans the entire vocal range including harmonics from 50hz to 18,000hz.

Just slip in a single AA battery (not included) and both the electret condenser mike and the sophisticated variable delay circuit are activated.

Try recording with no echo. You'll love the rich, clean response of the microphone.

Then dial up the echo just a little bit. You'll hear your voice broaden and add the depth and fullness you'd expect from a professional singer.

Turn up the echo any more than about one-third, and you will be into Karaoke-land, and just about anyone will sound good. It's really amazing what the integrated circuit in this mike can do.

GREAT FOR PERFORMING

This mike is a singer's dream. It is unidirectional, which means it only picks up from the front, and suppresses sounds from the sides and back, so you avoid feedback and noise from an audience.

Electret condenser microphones differ from conventional mikes in that they use battery driven amplifiers so that they can use a more sensitive sensing membrane to capture sound vibrations.

Very little mass must be moved, so these microphones are incredibly sensitive. Electret mikes reproduce sounds in or out of a recording studio with remarkable accuracy.

With its 15' cable, you can move around the stage or around your living room.

It terminates in a 1/4" Phono plug, which is 'the standard' for mike inputs on mixers and cassette decks. It's backed by a standard limited warranty.

ADD RESONANCE TO YOUR VOICE RISK FREE

Wait till you hear the recordings you'll make when you add just a little echo to your voice. Your voice will instantly gain the pleasing depth that can take years of voice training to acquire.

If you can't sing at all, even this breakthrough in microphone technology won't catapult you into a gold album, but you'll sound a whole lot richer than you ever dreamed possible.

If you're not 100% satisfied with the quality of the mike or the variable digital enhancement, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your BSR Singing Dream Electret Condenser Microphone with Variable Digital Echo risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just **$49.90** ($3 P&H). Order No. 4742. CA res add tax.

At parties anyone singing will sound great. But, this is really a serious performing and recording device.

So, at DAK's breakthrough price you can certainly have a lot of fun. Or, you can thrill to the extra resonance you'll hear in your voice when you record.

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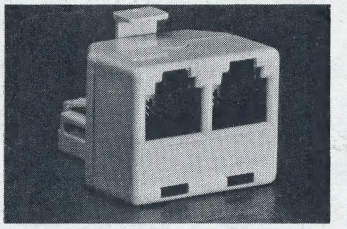
$2 Bonus $2 Bonus

Don't be left out of the phone revolution. Now, no matter how your house is wired, only $2 will hook you up. With the purchase of any of our phones, we'll give you the adaptor of your choice for just $2.

Ok, here's how it works. All the new phones have modular plugs (shown below). Since there's no way that we can know how your house is wired, we'll let you choose the appropriate $2 bonus jack or adaptor to connect your phone.

Most stores charge $4 to $6 each for these adaptors, but frankly we're so grateful that you've chosen DAK to be your Phone Supplier, that we're just charging you $2 for the jack. Sorry, but you'll also have to pay $0.50 to cover our costs of packing and shipping the jack to you.

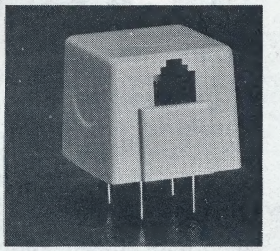
CHOOSE YOUR $2 BONUS



If you already have modular jacks, you don't need an adaptor, but if you plug in one of our cordless phones or an answering machine, you might still want to plug in another phone.

So, your $2 bonus is a duplex adaptor jack. Just plug this adaptor into your modular jack and you'll instantly have two jacks instead of one. Your cost is just **$2** ($0.50 P&H) Order No. 9645.

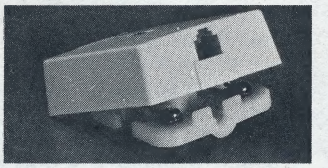
If you have the original 4 prong plugs, you still can't plug in the new modular plug phones without a 4 prong adaptor.



As you can see, just plug this 4 prong plug into your jack, then you can plug any of the new phones into your system. The 4 prong adaptor is yours for just **$2** ($0.50 P&H) Order No. 9646.

If you have no jacks at all, don't despair. We've got a modular surface jack which simply connects where your phone cord enters the wall.

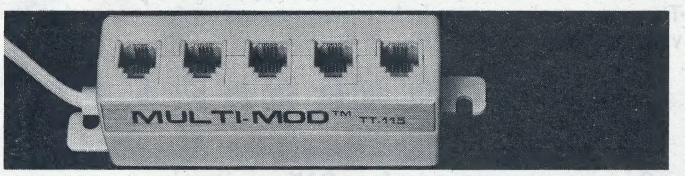
It's really easy. Virtually all phone systems in the U.S. use the same 4 wire color coded system. The wires are red, black, green, and yellow. Our surface jack has 4 screws. Each screw already has one of the 4 colored wires from its self-contained modular jack connected to it.



It just takes a screwdriver and 5 minutes. There's nothing to solder and nothing to figure out. If you can match red to red, black to black yellow to yellow and green to green, you've got it made.

Just match the colored wires and tighten the screws. A 70 year old grandmother should be able to do it in less than 5 minutes. Then plug in and start talking. The surface jack is just **$2** ($0.50 P&H) Order No. 9647.

Crazy Jack



If you're an electronic gadget freak like me, you just might need one of these 5 way modular phone jacks. Just plug its 6' cord into your existing jack and wow, you'll have 5 phone jacks. You just might have a regular phone, an auto-dialer, a cordless phone, and an answering machine. So, if you're crazy too, it's just **$12.50** ($1 P&H) Order No. 9643.

Phone Tap

Now you can tap your own phone, get perfect recordings and never cut a wire.

It's easy. Just insert the modular phone plug from the Phone Tap into any standard modular phone jack and plug the recording cable into any standard cassette recorder and you're ready to go.

The Phone Tap lets you make crystal clear cassette recordings of both sides of any phone conversation effortlessly. Plus it's totally automatic.

INTELLIGENT

Once you've put a recorder on your phone line, you sure don't want it to run all the time. You'd spend your whole day changing cassettes.

The Phone Tap automatically feeds the signal to, and automatically starts the tape recorder as soon as any receiver throughout your system is lifted. You will even get a recording of outgoing numbers as they are dialed, no matter which phone is used. It then stops recording immediately when the call is ended.

There are only two plugs for you to plug into your portable cassette recorder. Plug '1' is plugged into the mike input and plug '2' is plugged into the remote/pause. Virtually all portable battery or AC recorders work perfectly with the Phone Tap.

ILLEGAL

Caution... Please Note: It is illegal to tape many conversations. The Phone Tap makes absolutely no sound and when used in an office situation doesn't light any of the phone lights. So, you should warn the other party that the call is being recorded. Plus, it is illegal to record two people when neither of them knows that the recording is being made, such as on an office phone system or of a baby-sitter when you are out.

It is also illegal to use the Phone Tap on a party line as it will record all conversations on the line.

TRY THE PHONE TAP RISK FREE

Record your conversations. See if the sound isn't crystal clear. Feel the security of knowing that you have a 100% correct permanent record of your agreements.

Try the Phone Tap in your home or office risk free. If you aren't 100% satisfied for any reason, simply return it in its original box within 30 days for a courteous refund.

To order your Phone Tap risk free with your credit card, call toll free, or send your check for just **$24.90** ($2.50 P&H) Order No. 9232.

If you need a high quality AC/DC portable cassette recorder to use with the Phone Tap (or for any general recording), we've got one that sounds great, for just **$39.90** ($3.50 P&H) Order No. 4216.

It has a built-in mike, a great sounding full range speaker and of course, the Phone Tap will plug right into it. It's about 9" X 6" X 2". Both the recorder and the Phone Tap are backed by standard manufacturers' limited warranties.

Now you'll have a permanent tape copy of all conversations. There's a real security in knowing you won't forget, and that you can back up what you've said.

Toll Free Customer Service

Once you place an order from DAK, we don't leave you out in the cold. You can call our toll free customer service department at **1-800-423-2866** or in Los Angeles, call **1-818-888-2695**.

You can check on your order, or let us know about any problems you may encounter with merchandise you have bought from us. Please use these numbers for problems. **The people on the main DAK order lines do not have any information about orders in progress or shipped merchandise.**

Zap

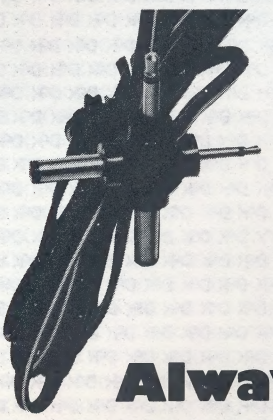
ZAP– Your cassette is erased. Just pass your cassette through the slot in DAK's deluxe eraser and it's not only blank, but it can be much quieter than if you try to erase the cassette on your own recorder.

A special magnetically charged elliptical field is developed by four independent magnetic elements. They're factory calibrated to form 8 separate fields of force to penetrate and randomize all magnetic fields (sounds) on the tape. It's an effort to approximate the original factory erasing that all new tape gets before it leaves the tape manufacturing factory.

It's an absolute must for every audiophile. There are no moving parts, nothing to plug in or wear out. It is especially useful if you are erasing signal from one recorder before recording on another because inaccurate track matching can lead to 'ghost sounds'.

Try the DAK cassette eraser risk free. If you don't agree it's one of your most useful accessories, just return it in its original box within 30 days for a refund.

To order Your 8 Field DAK Cassette eraser risk free with your credit card call toll free or send your check for only **$17.50** ($2 P&H) Order No. 9443.



Always Ready

Batteries are expensive. And, they seem to wear out just when you need them the most.

DAK's battery eliminator AC adaptor plugs into virtually any battery operated equipment or device and puts it back in service again.

4 plugs plus 9V battery clip let this battery eliminator fit any device. And 4 voltages let you power just about anything. You get 3, 4.5, 6 and 9 volts.

It's easy to compute what voltage you need. Round batteries are basically 1.5 volts. If for example your calculator has 3 batteries, simply select 4.5 on the selector switch.

Try the AC adaptor Battery Eliminator risk free. If you don't find thousands of uses for it, just return it in its original box within 30 days for a refund.

To order your Battery Eliminator risk free with your credit card, call the toll free hotline or send a check for just **$9.95** ($1.50 P&H) Order No. 9444.

FOR A FRIEND

Shall we send a copy of this unusual catalog to one of your friends? Just fill in their name below.

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